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HOWARD'S

SEED AND IMPLEMENT

19 CATALOG 29

FRANK HOWARD

FENN, FIRST AND FEDERAL STS.,

PITTSFIELD, MASS.

Our Store in The Howard Block

At the corner of FENN, FIRST AND FEDERAL STREETS, near the Post Office, is arranged for your comfort and convenience while shopping.

Make Our Store Your Headquarters while in the City. You are Always Welcome

FRANK HOWARD

WE HAVE maintained throughout our 36 years of business activity the highest standard of quality possible. You may depend on us at all times to give you **Best Goods** at **Fair Prices.**

You will be given the advantage of any decline in prices at the time of purchase.

We trust that 1929 will be a prosperous year for you.

Respectfully yours,
FRANK HOWARD

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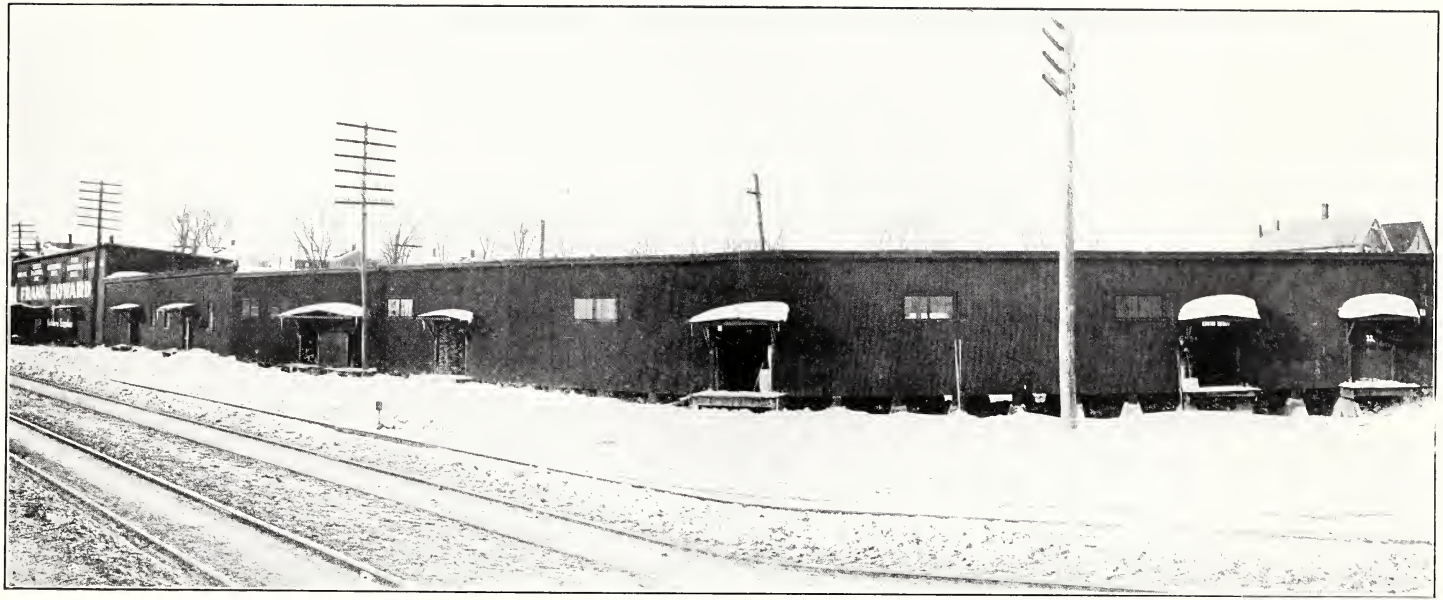
by Frank Howard
Pittsfield, Mass.

HOWARD BLOCK, FENN AND FIRST STREET SIDE



THE TRACK SIDE OF OUR SECOND STREET WAREHOUSE situated beside the Boston & Albany R. R. Tracks. Thru this Warehcuse we handle our *Carload Shipments* of Akron Sewer Pipe, Land Tile, Flue Lining, Flower Pots, Lime, Cement, Plaster, Plaster Board, Plaster of Paris, Asphalt Slate Surfaced Shingles, Roofing and many other Building Materials; Fertilizers and Agricultural Chemicals of all descriptions; Maine Certified Seed Potatoes; Steel Wire Fencing; Many Kinds of Salt; Stone-ware; Jars and Jugs; Milk Bottles; Poultry Feeds and All Kinds of Farm Machinery adapted to Berkshire County and vicinity.

Vegetable and Flower Seeds in Packets, Ounces, Quarter Pounds, Pounds, Half Pints, Pints and Quarts, DELIVERED FREE
Other SEEDS, TOOLS, ETC., at PURCHASER'S EXPENSE

1929 ORDER SHEET FOR SEEDS, TOOLS, FERTILIZERS, ETC. 1929

FRANK HOWARD

FENN, FIRST AND FEDERAL STREETS
PITTSFIELD, MASS.

Date.. *1929* *Please forward by*..
State if wanted by mail, express, or freight

To M.. *Superintendent's Name*..

Post office .... *County*.............................. *State*..............................

Station .... *County*.............................. *State*..............................

Enclosed find Money Order $.............................. *Draft or Check*, $.............................. *Cash*, $..............................

Postage Stamps, $..............................

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out, and will not be responsible for the crop.—Frank Howard

QUANTITY	ARTICLES	PRICE	

QUANTITY	ARTICLES	PRICE

1929
FRANK HOWARD'S
Annual Spring Catalog
—OF—
Reliable "Seeds That Grow"

Tools and Machinery

You can depend on us at all times to give you BEST GOODS and at FAIR PRICES. PRICES, HOWEVER, ARE SUBJECT TO CHANGE WITHOUT NOTICE.

WE PAY POSTAGE or EXPRESS on SEEDS in PACKETS, OUNCES, QUARTER-POUNDS, POUNDS, HALF PINTS, PINTS and QUARTS, on other seeds if WANTED BY MAIL ADD POSTAGE as per following table:

PARCEL-POST ZONE RATES

Within the United States

2 cents per package in addition to the following zone rates:

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	..50 miles of Pittsfield	7c.	1c.
2d	..50 to 150 miles of Pittsfield	7c.	1c.
3d	..150 to 300 miles of Pittsfield	8c.	2c.
4th	..300 to 600 miles of Pittsfield	8c.	4c.
5th	..600 to 1,000 miles of Pittsfield	9c.	6c.
6th	..1,000 to 1,400 miles of Pittsfield	10c.	8c.
7th	..1,400 to 1,800 miles of Pittsfield	12c.	10c.
8th	..1,800 and over miles of Pittsfield	13c.	12c.

"Our Seeds are Northern Grown, None Better at Any Price."

Our name is an absolute guarantee of the best in quality and price.

Make Our Store Your Headquarters While in the City. You Are Always Welcome.

SUPERINTENDENT'S AND GARDENER'S SITUATIONS

We keep a register of names of Practical Gardeners and Farm Managers also Farm Laborers who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars, and whether a married or single man is wanted. We make no charge for this service, either to employer or employee.

SPECIAL NOTICE.

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out and will not be responsible for the crop.—FRANK HOWARD.

EAGLE PRINT, PITTSFIELD

1929 - FRANK HOWARD'S - 1929

GENERAL LIST OF

Standard Tested Vegetable Seeds

PRICES SUBJECT TO CHANGE

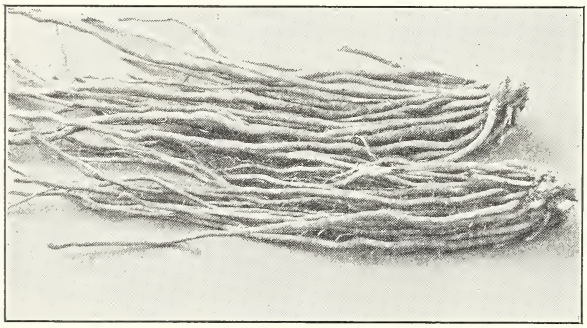
"Our Seeds are Northern Grown, None Better at Any Price."

ARTICHOKE,—Fr. *Artichaut*, Ger. *Artischoke*, Pol. *Karczoch*, It. *Carciofo*.

Green Globe, The scales and bottom of flower head are eaten either boiled or raw as a salad. . . . . pkt. 15c, oz. $1.00

ASPARAGUS,—Fr. *Asperge*, Ger. *Spargel*, Pol. *Szparag*, It. *Aparago*.

Culture.—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. Roots should be set out in spring in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and Our Garden Fertilizer should be applied after tops are cut and in the spring forked in. Never cut closely.



Asparagus Roots

MARY WASHINGTON—A new, rust-resistant Asparagus--rich, dark green color, a marked improvement over the old varieties.
pkt. 15c; oz. 35c; ¼ lb. $1.00

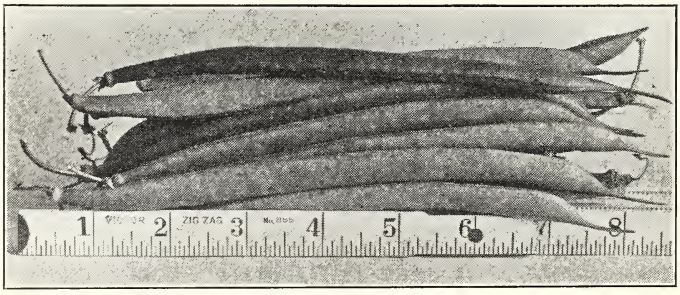
ASPARAGUS ROOTS
Mary Washington (New) 2 year old roots per doz. 50c; per 100 $2 50. The best of all the Washingtons

Fr. *Haricots* Ger. *Bohnen* BEANS Pol. *Bob.* It. *Fava*

CULTURE.—When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, or Our Garden Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

GIANT STRINGLESS GREEN POD,—Very early, round pods absolutely stringless, fine quality, one of the finest string beans grown, ½ pt. 25c., 1 pt. 40c., 1 qt. 75c., 4 qts. $2.75.



Improved Early Red Valentine

IMPROVED EARLY RED VALENTINE, One of the earliest beans in cultivation. Round pod,
½pt. 25c.
1 pt. 40c.
1 qt. 75c.
4 qts. $2.75

IMPROVED ROYAL WHITE OR KIDNEY,—Excellent for shelling green or baking when ripe, ½ pt. 20c., 1 pt. 30c., 1 qt. 55c., 4 qts. $2.00.

LARGE WHITE MARROW,—The favorite for general field crop, ½ pt. 20c., 1 pt. 30c., 1 qt. 55c., 4 qts. $1.25.

RED KIDNEY,—A good shell bean, ½ pt. 20c., 1 pt. 30c., 1 qt. 55c., 4 qts. $2.00.

BEANS—Continued

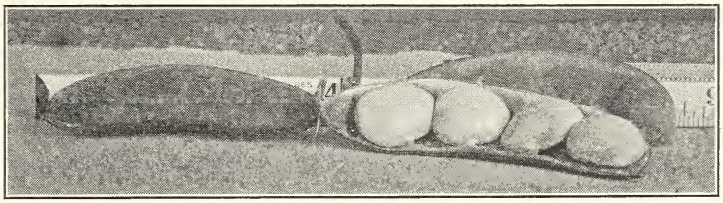
Dwarf It. *Fagiola Bassi*, Green Podded Varieties

BOUNTIFUL,—Pods grow to large size, are broad, fleshy and stringless, cook tender and fine quality. ½ pt. 25c; 1 pt. 40c; 1 qt. 75c; 4 qts. $2.75.

STRINGLESS GREEN POD, Burpee's—Very early, tender and crisp. Pods pale green, long and straight, round, meaty, stringless. ½ pt. 25c; 1 pt. 40c; 1 qt. 75c; 4 qts. $2.75.

IMPROVED DWARF OR BUSH LIMA, Burpee's—A perfect bush form of the true luscious large Lima grows from 18 to 20 inches high, stout, and erect growth, immense yielder. ½ pt. 25c; 1 pt. 45c; 1 qt. 85c; 4 qts. $3.25.

HORTICULTURAL DWARF, or "Dwarf Cranberry," late and productive, flat pod. ½ pt. 25c; 1 pt. 40c; 1 qt. 75c; 4 qts. $2.75.



Our Fordhook Bush Lima Bean

FORDHOOK BUSH LIMA, (New)—Both pods and beans are very large. ½ pt. 25c, 1 pt. 45c, 1 qt. 85c, 4 qts. $3.25.

BUSH LIMA, Henderson's—The earliest of the Bush Limas, very productive, requires no stakes or poles, quality excellent. ½ pt. 25c; 1 pt. 45c; 1 qt. 85c; 4 qts. $3.25.

Dwarf, Wax or Butter Varieties

	½ pt.	1 pt.	1 qt.	4 qts.
BLACK WAX, PENCIL POD,—Slender, long, round pods, hardy and prolific, splendid quality, best of the Black Wax varieties,	.25	.40	.75	2.75
IMPROVED RUSTLESS GOLDEN WAX,—(Keeney's) Hardy and productive, pods flat, stringless, wax-like and handsome,	.25	.40	.75	2.75
KIDNEY WAX ROUND-POD, (Brittle Wax)—A handsome midseason variety, pods long and round, wax-like, stringless, fine quality,	.25	.40	.75	2.75

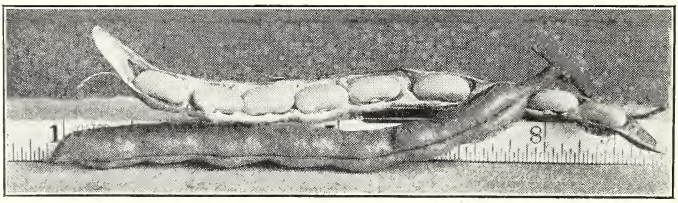
Climbing or Pole Varieties It. *Fagioli Alti*

CULTURE.—Sow after danger from frost, and soil is warm and dry, in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

	½ pt.	1 pt.	1 qt.	4 qts.
GOLDEN CLUSTER WAX,—IMPROVED, Pods 6 to 8 inches long, golden yellow, flavor delicious, bears early, and lasts until late in the season,	.25	.45	.80	3.00
HORTICULTURAL OR CRANBERRY,—A popular variety for shelling,	.25	.45	.80	3.00
EARLY LEVIATHAN LIMA,—The earliest large lima pole bean. Enormous cropper, excellent quality.	.25	.45	.80	3.00
DREER'S LIMA,—Thick, fine quality, ...	.25	.45	.80	3.00
KING OF THE GARDEN LIMA,—Heavy cropper, bean and pod very large, ...	.25	.45	.80	3.00

"Our Seeds are Northern Grown, None Better at Any Price."

BEANS—Climbing or Pole Varieties—Continued



Our Old Homestead Pole Beans

OLD HOMESTEAD, (Kentucky Wonder)—Probably the earliest of the green podded pole varieties, enormously productive, tender and nice.

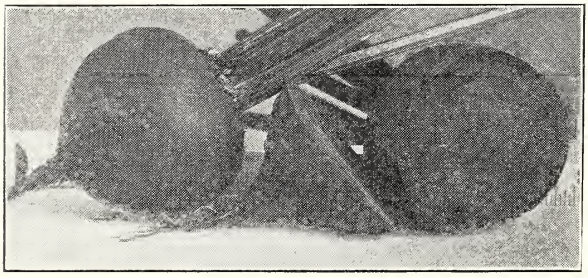
½ pt. 25c; 1 pt. 45c; 1 qt. 80c; 4 qts. $3.00

SCARLET RUNNERS—Grown principally for ornament, scarlet blossom.

½ pt. 25c; 1 pt. 45c; 1 qt. 80c; 4 qts. $3.00

WHITE DUTCH RUNNERS—Same habit as the scarlet, blossoms white.

½ pt. 25c; 1 pt. 45c; 1 qt. 80c; 4 qts. $3.00



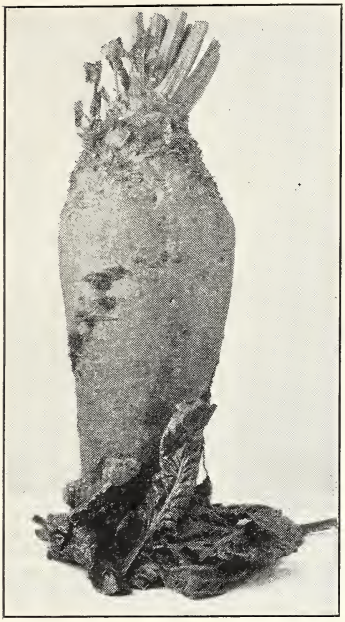
Our Detroit Dark Red Beet

BEETS
Table Varieties

FR. *Betterave* POL. *Burak*
GER. *Rübe* IT. *Barbabietola*

CULTURE—Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.

	pkt.	oz.	¼ lb.	1 lb.
BASSANO,—Early flat,—An early, tender variety, color light,	.10	.20	.45	1.25
BASTIAN'S EARLY BLOOD TURNIP,—A good variety to follow Egyptian and Eclipse,	.10	.20	.45	1.25
BOSTON CROSBY EGYPTIAN BEET,—An improvement on the Crosby Egyptian, roots very dark red, flesh deep purplish red,	.10	.20	.45	1.25
CRIMSON GLOBE,—Selected. Rich deep crimson, fine quality, tender and sweet, globe shaped,	.10	.20	.45	1.25
DETROIT DARK RED TURNIP—Round, skin dark blood-red, flesh bright red,	.10	.20	.45	1.25
ECLIPSE EARLY BLOOD TURNIP,—Very early, one of the best, color bright red, ...	.10	.20	.45	1.25
SWISS CHARD OR SEA KALE BEET,—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach, ...	.10	.20	.45	1.25



Mangel Wurzel

MANGEL WURZEL

It. *Specie di Barbabietola*

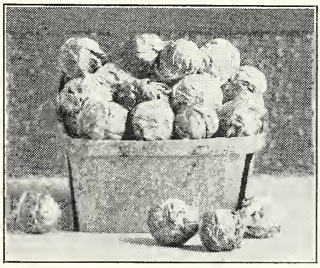
CULTURE.—Mangels require deep soil to grow well. Plow and subsoil at least a foot to 18 in. Apply plenty of rich stable manure or Our Garden Fertilizer. Sow latter part of May or in June (5 to 8 lbs. to acre), in rows not less than 18 inches apart and thin to 8 inches in the row. Young plants may be transplanted to fill up vacancies. When plants are 3 to 4 inches high sow 600 lbs. of Our Garden fertilizer to the acre. Cultivate and hoe well, keeping down weeds.

	Oz.	¼Lb.	Lb.
MAMMOTH PRIZE LONG RED,—One of the best for deep soil, roots very large, very heavy cropper,	.10	.20	.60
CHAMPION YELLOW GLOBE,—Good keeper, smooth, globe shaped roots,	.10	.20	.60
GOLDEN TANKARD, — Flesh bright yellow, said to contain a large amount of sugar,	.10	.20	.60
NORBITON GIANT,—The largest variety grown, and one of the most popular,	.10	.20	.60
LANE'S IMPERIAL SUGAR,—White fleshed, said to contain a large amount of sugar,	.10	.20	.60

BROCCOLI

Fr. *Chou-Brocoli,* Ger. *Spargel Kohl,* It. *Broccoli*

	Pkt.	Oz.
WHITE CAPE,–(Cultivation same as Cauliflower) one of the most certain to head, heads compact, creamy white,	.10	.75



Brussels Sprouts

BRUSSELS SPROUTS

Fr. *Chou de Bruxelles*
Ger. *Rosen Kohl* It. *Brussels Broccolo*

(Cultivation same as Cabbage.)

IMPROVED DWARF,—Compact heads, probably the best,	.10	.35

Sliced Cauliflower

CAULIFLOWER

Fr. *Chou-Fleur* Pol. *Kalafior*
Ger. *Blumenkohl* It. *Cavol Fiore*

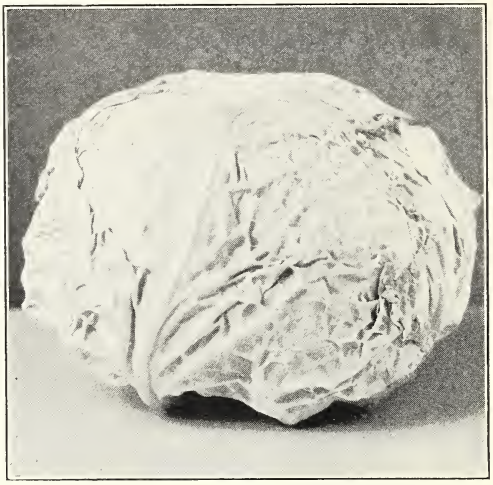
CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

	Pkt.	Oz.
EARLY SNOWBALL,—The best cauliflower grown, a sure header,	.25	3.00
EXTRA EARLY PARIS,—A standard variety	.15	2.00
EARLY FAVORITE,—An excellent very early variety.	.20	2.50

CABBAGE

Fr. *Chou Pomme*
Ger. *Kohl-Kraut*
Pol. *Kapusta*
It. *Cavalo*

CULTURE. — Soil for Cabbage should be rich heavy loam, with good drainage. Use an abundance of stable or Our Garden Fertilizer, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.



Crinkled Cabbage

ALL SEASONS,—Fine strain. Heads deep. Can be planted for early or late crop, 10c pkt., 35c oz., $1.00 ¼ lb.

CHINESE (Chihli) Celery Cabbage—Earliest and most sure heading of the Chinese varieties. Delicate, mild, cabbage flavor, cultivation same as late cabbage. 15c pkt., 75c, oz., $2.50 ¼ lb.

COPENHAGEN MARKET—The finest, large, round-headed, early Cabbage, solid, fine quality, short-stemmed, 10c pkt., 60c oz., $1.75 ¼ lb.

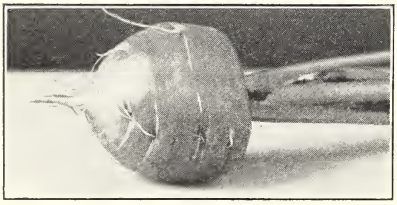
SELECTED LATE FLAT DUTCH,—A valuable late variety, one of the best for main winter crop, 10c pkt., 35c oz., $1.25 ¼ lb.

	Pkt.	Oz.	¼Lb.
GOLDEN ACRE, New,—Earliest round headed cabbage, medium size, hard, solid,	.20	1.25	4.00
EARLY SUMMER, Improved—Ten days later than Jersey Wakefield, large heads, excellent second early,	.10	.35	1.00
MAMMOTH ROCK RED,—Largest and surest header, red,	.10	.40	1.25
SELECTED EARLY JERSEY WAKEFIELD, — The earliest cabbage, heads cone shaped and solid,	.10	.40	1.25
EARLY WINNINGSTADT,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head,	.10	.35	1.00
DRUMHEAD SAVOY,—Very tender, excellent flavor, fine,	.10	.40	1.25
HOLLANDER OR DANISH BALL HEAD,—Medium size heads, solid, best keeping cabbage grown,	.10	.40	1.25

CARROTS

Fr. *Carotte*
Ger. *Möhre*
Pol. *Marchew*
It. *Carota*

CULTURE.—Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.



French Forcing Carrot

CORELESS — Early, finest quality, deep orange, free from woody heart, 10c pkt., 25c oz., 75c ¼ lb., $2.00 lb.

OXHEART OR GUERANDE,—Roots, short and very thick, intermediate between Scarlet Horn and Half Long, 10c pkt., 20c oz., 45c ¼ lb., $1.25 lb.

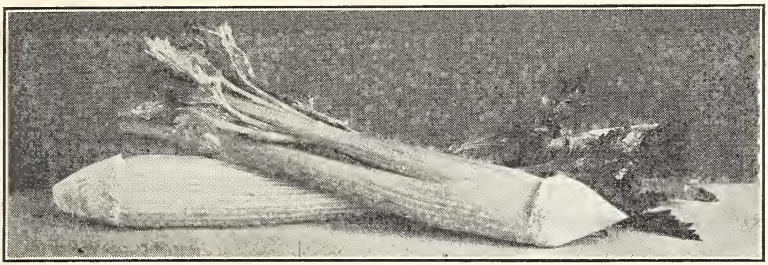
DANVERS' HALF LONG,—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 10c pkt., 20c oz., 50c ¼ lb., $1.50 lb.

DANVER'S HALF LONG,—(Stump rooted), similar to above excepting that it has blunt roots, 10c pkt., 20c oz., 50c ¼ lb., $1.50 lb.

EARLY SCARLET HORN,—An early variety, deep orange, blunt root, 6 to 8 in., 10c pkt., 20c oz., 45c ¼ lb., $1.25 lb.

CARROTS—(Continued)

	Pkt.	Oz.	¼Lb.	Lb.
FRENCH FORCING,—Small round root, the earliest variety	.10	.20	.50	1.75
IMPROVED LONG ORANGE,—The best general crop in deep soil, excellent for stock or table	.10	.20	.40	1.25



Our Winter Queen Celery

Fr. *Celeri* Ger *Sellerie* **CELERY** Pol. *Selera* It. *Sedano*

CULTURE.—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of Our Garden Fertilizer. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

	Pkt.	Oz.	¼Lb.
IMPROVED WHITE PLUME,—Very popular and attractive, easily blanched, good quality,	.10	.50	1.75
DWARF GOLDEN SELF BLANCHING,—One of the best early, solid, fine nutty flavor, good size, golden yellow,	.15	.75	3.00
GIANT PASCAL,—The largest variety grown, fine nutty flavor, excellent keeper, easily blanched,	.10	.40	1.25
GOLDEN PLUME, OR WONDERFUL,—A new, large, golden yellow celery, of very finest quality, easily blanched, somewhat earlier than the Golden Self-Blanching, good keeper,	.25	1.75	5.50
WINTER QUEEN,—Very large, blanches well, excellent keeper, fine quality	.10	.40	1.25
BOSTON MARKET,—Very popular, a strong grower, tender and crisp	.10	.40	1.25
SOUP CELERY,—(Old seed for flavoring)	10c oz., 20c ¼lb., 60c lb.		

Fr. *Cellerie Rave* Ger. *Knoll Sellerie* **CELERIAC**

(Turnip-Rooted Celery)

CULTURE.—Similar to celery but needs no hilling up.

LARGE SMOOTH PRAGUE,—An improved variety, round, smooth roots, the largest and best variety, 10c pkt., 40c oz., $1.00 ¼ lb.

Fr. *Cerfeuil* Ger. *Kerbel* **CHERVIL** Pol. *Blekotek* It. *Cerfoglio*

CULTURE.—Same as parsley.

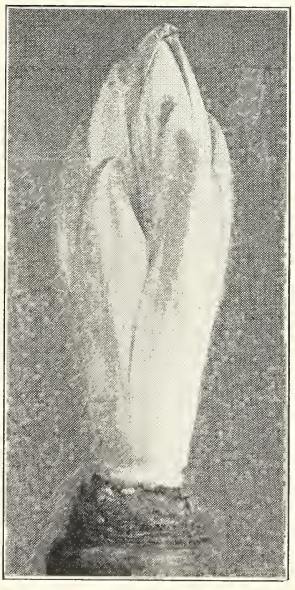
CURLED,—The leaves are used for flavoring, 10c pkt., 25c oz., 60c ¼ lb.

CHICORY It. *Cicoria*

CULTURE.—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED,—10c pkt., 25c oz., 85c ¼ lb.,

WITLOOF,—Known as French Endive. Sow in May or June in drills. Thin to 6 inches, treat as Endive until end of summer, when it should be banked like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable; prepare as cauliflower for winter salad, trim roots to eight inches, cut tops to within one inch of crown, plant in soil in cellar, letting tops grow up through leaves, shavings or excelsior. Moisten occasionally. 10c pkt., 30c oz., $1.00 ¼ lb.



Witloof

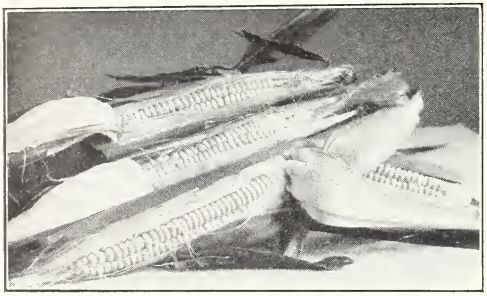
Fr. *Mache*
Ger. *Stecksalat*

CORN SALAD OR FETTICUS

It. *Valeriana Domestica*

CULTURE—Sow in August in drills ¼ in. deep, 6 in. apart, keep down weeds. Just before winter cover thinly with straw or leaves.

LARGE GREEN CABBAGING,—A small, hardy, salad, used also as a substitute for lettuce, 10c pkt., 20c oz., $.60 ¼ lb.



Fr. Mais
Ger. Mais

CORN

Pol. Zboze
It. Grano Saraceno

(SWEET OR SUGAR)

CULTURE.—Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. If stable manure is used, it is perhaps best to plow it under. Use broadcast or in the hill Our Garden Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.

We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order as they would mature. If two or more varieties are selected and planted at the same time, they would be ready for the table at different times, one following the other.

	½pt.	pt.	qt.	½pk.
MAMMOTH WHITE CORY, An improvement in size and quality over the white Cory,	.15	.25	.50	1.75
GOLDEN SUNSHINE,—Of the Golden Bantam type,—but is a week to ten days earlier, and is a twelve row corn	.20	.35	.60	2.25
GOLDEN BANTAM,—Small, yellow ears, delicious flavor,	.15	.25	.50	1.75
WHIPPLE'S EARLY WHITE,—5 Days earlier than Crosby; Evergreen type grain, very sweet,	.15	.25	.50	1.75
CROSBY EARLY,—An old and popular variety, rather small ears, good quality,	.15	.25	.50	1.75
BLACK MEXICAN,—Medium early, black kernels,	.15	.25	.50	1.75
GOLDEN GIANT,—The largest of the yellow sweet varieties, ears about 8 in. long, later than the Golden Bantam,	.15	.25	.50	1.75
POTTER'S EXCELSIOR,—One of the sweetest varieties, large ears, in season between Minnesota and Evergreen,	.15	.25	.50	1.75
COUNTRY GENTLEMAN,—A distinct variety, rather small ear, cob very small, but of delicious quality (late)	.15	.25	.50	1.75
STOWELL'S EVERGREEN. The standard for quality, and the best known variety, remains a long time in suitable condition for boiling,	.15	.25	.50	1.75

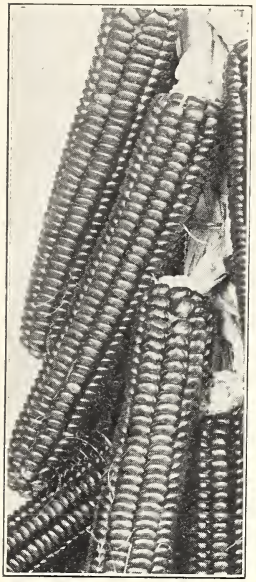
ENSILAGE OR FODDER CORN

GOLDEN BEAUTY,—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leaming, but is earlier which is an advantage in Berkshire County and vicinity. Pk. $1.00. Bu. $3.25.

EUREKA,—A very large growing variety with an abundance of leaves. Pk. $1.25. Bu. $4.25.

LEAMING, Improved Special—The popular corn for ensilage, very well known, similar to the Golden Beauty, but not quite so early. Pk. 90c. Bu. $2.75.

A Local Field of our Golden Beauty Ensilage Corn



FIELD CORN

CULTURE.—Same as Sweet Corn. Some prefer to plant in drills. Use Our Special Corn Fertilizer, worked well into the soil when planting and before second hoeing.

EIGHT ROW YELLOW,—From selected ears, northern grown early varieties. Price 15c lb., $1.25 peck, $4.50 bu.

POP CORN

RICE,—Shelled,—selected for seed, Per lb., 15c
RICE,— " —for popping, price according to market.

Fr. *Cresson* Ger. *Garten Kresse* **CRESS OR PEPPER GRASS** Pol. *Rzerzucha* It. *Crescioneand Crescione di Riviera*

CULTURE.—Sow curled variety thickly in shallow drills every two or three weeks. Cut often. Sow water cress in damp soil or along streams of water.

	Pkt.	Oz.	¼Lb.
EXTRA CURLED,—Used as salad,	.10	.15	.45
TRUE WATER CRESS,—Grows along the banks of ponds and streams—a fine salad,	.15	.75	

Fr. *Concumbre* Ger. *Gurken* **CUCUMBERS** Pol. *Ogorek* It. *Cetriuola*

CULTURE.—For very early, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again every two weeks for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

TELEGRAPH,—For growing in hotbeds or greenhouses, Pkt., 25c

BOSTON PICKLING,— One of the best for pickling, 10c pkt., 20c oz., 50c ¼ lb.

EARLY CLUSTER,—A popular variety, grows in pairs, 10c pkt., 20c oz., 50c ¼lb.

JAPANESE CLIMBING,—Good for frames or open ground, 10cpkt., 20c oz., 50c ¼lb.

IMPROVED LONG GREEN,—The favorite for general crop, good pickler or slicer, 10c pkt., 20c oz., 50c ¼lb.

Improved Thick Leaved Dandelion

HOWARD'S EARLY FORTUNE,—**Selected,** The finest type of White Spine yet produced. Early, very productive and disease-resisting. Fruits nine inches long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. pkt. 10c, oz. 20c, ¼lb. 50c.

HOWARD'S LONGFELLOW,—12″-14″ long; slender dark green, equally desirable for greenhouse or outdoor culture. Excellent quality, 10c pkt., 30c oz., $1.00 ¼ lb.

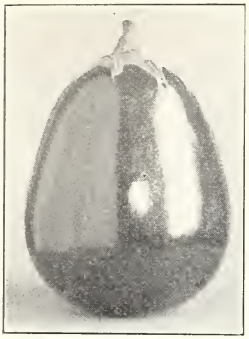
SNOW'S PERFECTED PICKLE,—Excellent pickling cucumber, 10c pkt., 20c oz., 50c ¼lb.

IMPROVED WHITE SPINE,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 10c pkt., 20c oz., 50c ¼lb.

Fr. *Pissenlit* Ger. *Amargon* **DANDELION** Pol. *Papawa* It. *Macerone*

CULTURE.—Sow in early Spring in drills 1-2 in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.

IMPROVED THICK LEAVED,—Very much superior to common dandelion for greens. 15c per pkt., $1.00 oz.



Howard's N. Y. Egg Plant

Fr. *Aubergine* Ger. *Eierpflanze*

EGG PLANT

It. *Petronciano*

CULTURE—Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 ft. by 2 ft.

NEW YORK IMPROVED SPINELESS—The earliest and probably the best. 15c per pkt., 75c per oz.

ENDIVE

Fr. *Chicoree* Pol. *Endywia*
Ger. *Endivie* It. *Endivia*

CULTURE—Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with ball of earth and put in cool dry cellar. Handling of plants must be done when dry.

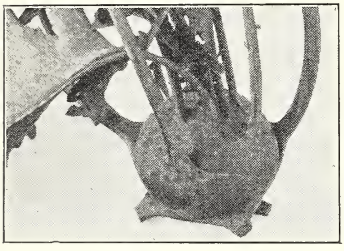
Endive

GREEN CURLED—The popular variety, one of the best salads for fall and winter use. 10c pkt., 25c oz., 75c ¼ lb.
MOSS CURLED—10c pkt., 25c oz., 75c ¼ lb.
BROAD LEAVED—A sweet variety, fall or winter. 10c pkt., 25c oz., 75c ¼ lb.
WHITE CURLED—For early use. 10c pkt., 25c oz., 75c ¼ lb.

GOURDS

Pol. *Bania* It. *Zucca*

FANCY VARIETY MIXED, CULTURE.—Same as cabbage. 10c pkt., 25c oz.



Kohl Rabbi

KALE or Borecole

Fr. *Chou Vert* Ger. *Blätterkohl* It. *Cavolo Riccio*

DWARF GREEN CURLED SCOTCH — Grown for winter greens. 10c pkt., 20c oz., 60c ¼ lb., $1.75 lb.

KOHL RABBI (Turnip-Rooted Cabbage)

Fr. *Chou Rave* Ger. *Kohl Rabi* It. *Kohl Rapa*

CULTURE—Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

PURPLE VIENNA,—10c pkt., 30c oz., 85c ¼ lb.

LETTUCE

Fr. *Laitue* Ger. *Lattich Salat* Pol. *Salata Laktuka* It. *Lattuga*

CULTURE—Sow in hot beds, and in open ground as soon as it can be worked, sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact, lettuce to be tender and crisp should have a rapid growth, otherwise it will be tough and probably bitter.

BIG BOSTON — About twice the size and one week later than The Boston Market, produces large, solid heads, light green leaves, slightly tinged brown, smooth. Pkt. 10c, Oz. 25c, ¼ Lb. 75c.

GRAND RAPIDS—One of the best forcing varieties, strong grower, tender, crisp and retains its freshness a long time after it is cut. Leaves loose, light green and curly. Pkt. 10c, Oz. 25c, ¼ Lb. 75c.

	Pkt.	Oz.	¼Lb.
GOLDEN QUEEN,—Medium size, solid heads, early, leaves golden yellow, nearly smooth.	.15	.50	1.50
HANSON IMPROVED—Sure header, excellent quality, very satisfactory, leaves outer green, inner white, nearly smooth.	.10	.25	.75
ICEBERG—Large solid heads, crisp, good flavor, leaves outer light green, inner white, quite crumpled.	.10	.25	.75
MAY KING,—Large, round, solid heads, early, outer leaves yellowish green, tinged with brown, inside rich, golden yellow,	.10	.25	.75
NEW YORK CABBAGE,—Not a forcing variety but one of the best summer lettuces, forms large heads, leaves outer dark green, inner white, quite crumpled.	.15	.40	1.25
PHILADELPHIA BUTTER,—Heads solid, inner leaves yellow.	.10	.25	.75
PRIZE HEAD,—Non-heading variety, very early, leaves green and red, thin, crisp, tender and curly.	.10	.25	.75
SALAMANDER,—Heads compact, resists summer heat admirably, leaves light green outside, white inside, crumpled.	.10	.25	.75

LETTUCE—(Continued)

	Pkt.	Oz.	¼Lb.
SIMPSON BLACK SEEDED — Loose head, good for forcing or sowing out of doors, leaves light yellowish green, very crumpled	$ .10	$ .25	$ .75
TENNIS BALL, BLACK SEEDED,—Forms handsome hard head, crisp and tender, leaves medium green, crumpled	.10	.25	.75
TRIANON COS OR ROMAINE,—Self-closing, an excellent variety, very crisp and tender, inside leaves bleach greenish white.	.10	.25	.75
WHITE PARIS COS,—Has long narrow leaves, does not head, but when tied up blanches very nicely, leaves pale green.	.10	.25	.75

Leek

Fr. *Poireau* Ger. *Lauch* **LEEK** Pol. *Pory* It. *Porro*

CULTURE—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 in. apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG,—By far the best variety grown, 10c pkt., 30c oz., $1.00 ¼ lb.

Fr. *Melon Muscade* Ger. *Melone* **MUSK MELON** It. *Mellone Muschiato*

CULTURE—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up, and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.

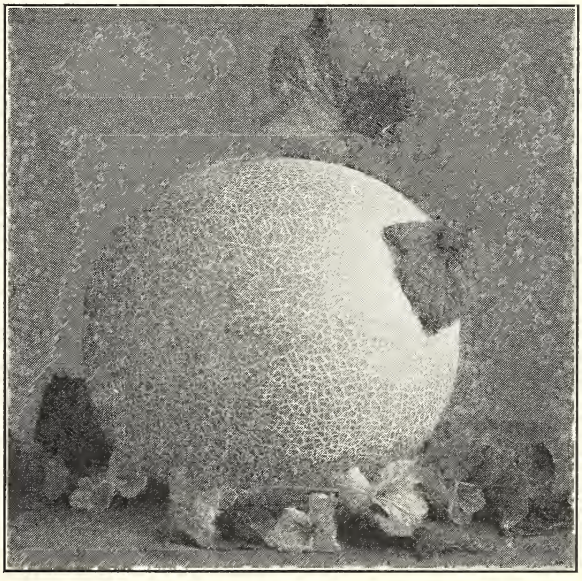
EMERALD GEM,–Medium size, skin smooth, deep green, flesh salmon, delicious flavor 10c pkt., 20c oz., 50c ¼lb.

GOLDEN NETTED GEM—Round, very early, delicious, 10c pkt. 20c oz., 50c¼ lb.

EXTRA EARLY OSAGE—Delicious flavor, flesh thick, salmon pink, 10c pkt., 20c oz., 50c ¼ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 10c pkt., 20c oz., 50c ¼ lb.

SURPRISE, (Benders)—Flesh deep salmon, thick and fine flavor, 10c pkt., 20c oz., 50c ¼ lb.



Musk Melon

Fr. *Melon d'eau* Ger. *Wasser Melone* **WATER MELON** Pol. *Kawon* It. *Auguria*

CULTURE—Same as Musk Melon, only plant further apart, about 8 or 10 feet.

	Pkt.	Oz.	¼Lb
PHINNEY'S EARLY,—Very early, fine quality, excellent variety for this section,	.10	.15	.40
MOUNTAIN SWEET,—Early, oblong, dark green, flesh red, solid, sweet,	.10	.15	.40
CITRON,—Red Seed,—For Preserving,	.10	.15	.40

Fr. *Moutarde* **MUSTARD** Pol. *Nasienie Gorczyczne* It. *Seme di Senapa*

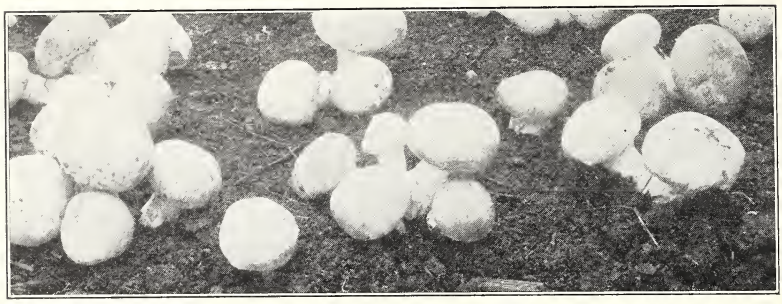
CULTURE—Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN,—For salads, 10c pkt., 15c oz., 30c ¼ lb.
WHITE LONDON,—For salads, 10c pkt., 15c oz., 30c ¼ lb.

"Our Seeds are Northern Grown, None Better at Any Price."

MUSHROOM SPAWN

Pol. *Grzyb*
It. *Fungo*



American Mushrooms

CULTURE—Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results

AMERICAN—In bricks, per brick 35c. 10 bricks $3.25.

NASTURTIUM—(See Flower Seed)

Fr. *Gombaud*
Ger. *Ocher*

OKRA OR GUMBO

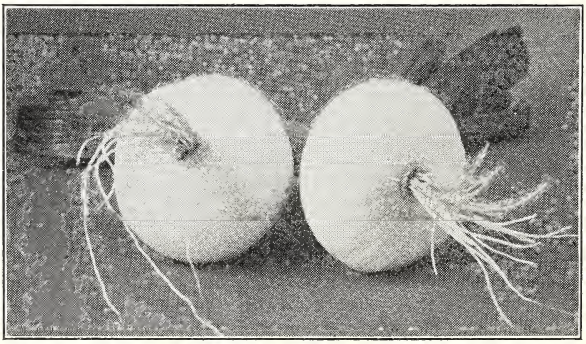
CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	¼Lb.	Lb.
DWARF WHITE VELVET,—Pods round, smooth and white, very prolific,	.10	.15	.30	1.00
DWARF GREEN,—Very early,	.10	.15	.30	1.00

ONIONS

Fr. *Ognon* Pol. *Cebula*
Ger. *Zwiebel*
It. *Cipolla Seme*

CULTURE.—Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use our Garden Fertilizer.

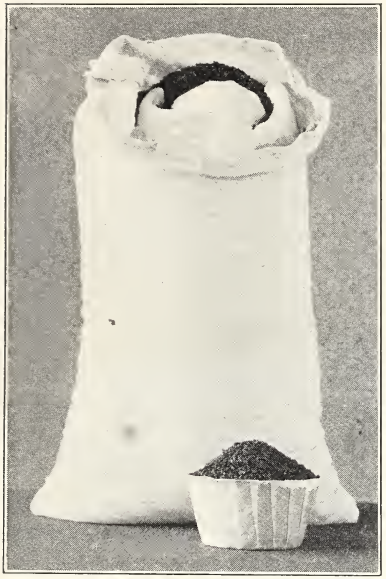


Howard's Yellow Globe Danvers Onion

YELLOW GLOBE DANVERS — Howard's Finest Strain—This seed is grown from the very earliest, and best selected Onions, and is very much superior to the average seed offered.—The Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 10c pkt., 40c oz., $1.25 ¼ lb., $4.00 lb.

YELLOW GLOBE DANVERS,—Fine Strain,—While this is not equal to our finest strain, it is fully equal to most onion seed, and the same that is usually sold by dealers, 10c pkt., 30c oz., 90c ¼ lb., $3.00 lb.

EXTRA EARLY FLAT RED,—Very early, medium size, mild, 10c pkt., 45c oz., $1.40 ¼lb. $4.50 lb.



Our Selected Yellow Globe Danvers Onion Seed

"Our Seeds are Northern Grown, None Better at Any Price."

ONION SEED

LARGE RED WETHERSFIELD,—Large yielder, good keeper, 10c pkt.,35c oz., $1.00 ¼ lb., $3.50 lb.

PRIZETAKER.—Bulbs very large, uniform, very productive, flavor mild, color, bright straw, choice American stock, 10c pkt., 35c oz., $1.00 ¼ lb., $3.50 lb.

SOUTHPORT WHITE GLOBE,—Large, firm, finegrained mild flavor, 10c pkt., 50c oz., $1.50 ¼ lb., $4.50 lb.

SOUTHPORT YELLOW GLOBE,—Same as White except in color, 10c pkt., 35c oz., $1.00 ¼ lb., $3.50 lb.

WHITE PORTUGAL OR SILVERSKIN,—A flat white onion, fine grained, mild flavor, good for pickling and bunching, good keeper, 10c pkt., 50c oz., $1.50 ¼ lb., $4.50 lb.

HOWARD'S EXTRA EARLY RED GLOBE,—Ten days earlier than Southport Red Globe, color beautiful, bright red 10c pkt., 50c oz., $1.50 ¼ lb., $4.50 lb.

ONION SETS

IT. *Cipollina*

White, price subject to change, 1 lb., 35c; 4 lbs., $ 1.25; 8 lbs., $2.25; 32 lbs., $7.50.

Yellow, 1 lb., 35c; 4 lbs., $1.25; 8 lbs., $2.25; 32 lbs. $7.50.

Yellow Japanese, an improvement on the Yellow, 1 lb., 35c; 4 lbs., $1.25; 8 lbs., $2.25; 32 lbs., $7.50.

Brown, similar to Yellow Japanese, 1 lb., 35c; 4 lbs., $1.25; 8 lbs., 2.25; 32 lbs., $7.50.

Price subject to change

PARSLEY

FR. *Persil* POL. *Pietruszka*
GER. *Petersilie*
IT. *Petrosello or Prezzemolo*

CULTURE—Soak seed a few hours in warm water, sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

CHAMPION MOSS CURLED—Beautifully crimped and curled 10c pkt., 20c oz., 40c ¼ lb., $1.25 lb.

FINE DOUBLE CURLED—A standard variety, finely curled leaves, 10c pkt., 20c oz., 40c ¼ lb., $1.25 lb.

FERN LEAVED—Has a feathery, fern-like appearance, 10c pkt., 20c oz., 40c ¼ lb., $1.25 lb.

Champion Moss Curled Parsley

PARSNIP

FR. *Panais*
GER. *Pastinake*
POL. *Pasternak*
IT. *Pastinaca*

CULTURE.—Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

	Pkt.	Oz.	¼lb.	Lb.
LONG SMOOTH WHITE,—Standard variety, long, smooth, white roots,	.10	.20	.50	1.50
HOLLOW CROWNED,—An excellent variety, fine quality,	.10	.20	.50	1.50
STUDENT,—Fine strain, with long smooth roots,	.10	.20	.50	1.50

"Our Seeds are Northern Grown, None Better at Any Price."

PEAS

Fr. *Pois* Ger. *Erbsen* Pol. *Groch* It. *Piselli*

CULTURE.—For Peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late Peas must be planted early. Early Peas may be planted early or late, and the extra early very late. Sow in single or double rows from 4 to 6 feet apart, according to variety, and about an inch apart in the row and 4 in. deep. Hoe often, keep ground clean and fine. Most Dwarf Peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with clear water of the same temperature as the atmosphere, using force.

Hundred Fold Peas

Extra Early Dwarf Varieties

It. *Piselli Bassi*

*Those marked with a star (*) are wrinkled peas and unless otherwise stated, should be sown thicker than the round Peas.

	Height in ft.	pt.	qt.	½ pk.	pk.
*HOWARD'S HUNDRED FOLD, — One of the best of the extra early large podded varieties,	1⅓	.30	.60	2.00	3.75
*HOWARD'S EARLY DWARF—A new, very early, wrinkled variety which promises to be one of the best of the dwarf peas,	1¼	.30	.60	2.00	3.75
*LAXTONIAN,—Very large, dark green, curved pods and peas of finest flavor, good yielder, very early,	1½	.30	.60	2.00	3.75
LAXTON'S PROGRESS—The earliest large podded dwarf pea, dark green peas of high quality,	1½	.30	.60	2.00	3.75
*SUTTON'S EXCELSIOR—Similar to Nott's larger pods,	1¼	.30	.60	2.00	3.75

Extra Early Varieties—Not Dwarf

	Height in ft.	pt.	qt.	½ pk.	pk.
HOWARD'S EXTRA EARLY,—One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts.	3	.25	.50	1.75	3.25
ALASKA,—The earliest blue pea, fine sort, hardy and productive,	2½	.25	.50	1.75	3.25
*GRADUS,—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,	2½	.25	.50	1.75	3.25

"Our Seeds are Northern Grown, None Better at Any Price."

PEAS—(Continued)—Extra Early Varieties

	Height in feet	Pt.	Qt.	½Pk.	Pk.
*THOMAS LAXTON,—Very early and productive, pods large, finest flavor,	3	.25	.50	1.75	3.25

Second Early Varieties

*EVERBEARING,—Remains long time in bearing, peas large. pods long, fine flavor, 3ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

*NEW DWARF CHAMPION,—Very productive, large peas, delicious flavor, 2½ ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

Tall Late Varieties It. *Piselli Alti*

*ALDERMAN,—Extra large pods, filled with large wrinkled peas of fine flavor, very productive, 4ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

*HOWARD'S PRIZE WINNER,—New, large pods, similar to Telephone, but shorter vine, excellent quality, 2½ ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

*CHAMPION OF ENGLAND,—One of the richest, best flavored peas, well known, popular, 4½ ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

*IMPROVED TELEPHONE,—Very fine strain, pods very large, well filled, quality excellent, 4 ft., 25c pt., 50c qt., $1.75 ½ pk., $3.25 pk.

CANADA FIELD,—Principally sown for feeding stock, market price, pk., $1.25, bu., $4.50.

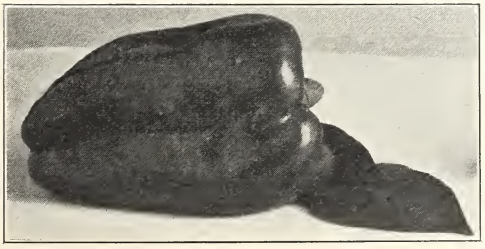
SUGAR, MAMMOTH MELTING,—Edible pods, 4 ft., 30c pt., 60c qt., $2.00 ½ pk., $3.75 pk.

Improved Telephone Peas

Fr. *Piment* Ger. *Pfeffer* PEPPERS It. *Peperona*

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

	Pkt.	Oz.	¼Lb.
LARGE BELL OR BULL NOSE,—A favorite, large, mild, red,	.10	.50	1.75
LONG RED CAYENNE,—Small, long, bright, red, extremely strong,	.10	.50	1.75
CHINESE GIANT,—Very large, flesh mild and thick, bright scarlet,	.10	.80	2.50
HARRIS EARLIEST,—A very early large pepper, mild and sweet,	.10	.80	2.50



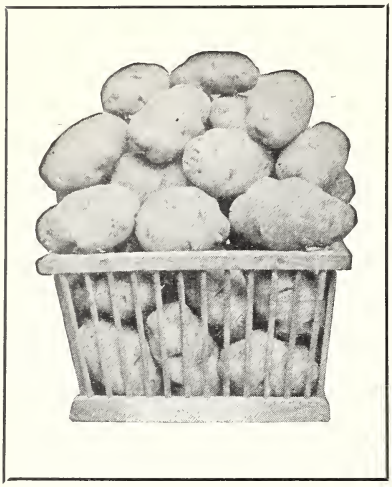
Bullnose Pepper

	Pkt.	Oz.	¼Lb.
EARLY GIANT (Harris) The earliest and most prolific of the large peppers, mild and sweet,	.15	1.25	4.00
RUBY KING,—Mild, very large and handsome,	.10	.50	1.75
RED CHERRY,—Cherry-shaped, for pickles,	10	50	1.75

Fr. *Pomme de Terre* Ger. *Kartoffel*

POTATOES

Pol. *Kartofel* It. *Patata*



CULTURE.—So many conflicting opinions exist as to the best method of growing potatoes, that we do not venture to give directions for culture. We do, however, make the following suggestions: Plant in such a manner that most of the heavy hard work can be done by the horse. Use "Mapes Potato Manure," or "Our Special Potato Fertilizer" in sufficient quantities to insure a crop. Always bear in mind that to get the full benefit of the fertilizer and not burn the roots it should be thoroughly mixed with the soil. If stable manure is used at all, it should not come in contact with the tubers, as it is sure to make the crop rough and scabby.

In Aroostook County, Maine, the usual amount of fertilizer used per acre is one ton of high grade, and they spray every two weeks, to prevent blight.

The Potatoes shown in cut were raised from our Maine Grown Seed, the crop was uniform, heavy, and of excellent quality.

Certified Seed Potatoes

Grown in the northern part of Aroostook County on the Canadian Border

PRICES SUBJECT TO CHANGE

	7½ Lb.	15 Lb.	60 Lb.	165 lb. Sack
CERTIFIED IRISH COBBLER,—The Cobbler is one of the earliest grown, skin creamy white, flesh white, and of excellent quality—heavy cropper.	.40	.75	2.75	5.50
CERTIFIED GREEN MOUNTAIN,—A well known late variety, white flesh, oval form, excellent quality, heavy yielder, a fine keeper,	.40	.75	2.75	5.50
CERTIFIED SPAULDING ROSE,—A handsome red potato, somewhat flat, white flesh, excellent quality, vigorous grower and heavy yielder, somewhat later than the Early Rose,	.40	.75	2 75	5.50

We also carry **Maine Grown Selected** Seed Potatoes in the following varieties. Early Rose, Russetts, Norcross, Carmen.

PUMPKINS

Fr. *Potiron* It. *Zucca*

Ger. *Grosse Kurbis*

CULTURE–Same as for squash, or may be planted with corn.

CONNECTICUT FIELD — The popular one for general crop, usually grown in corn fields for stock. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. $1.25.

KING OF THE MAMMOTHS– Very large, round, flat, yellow. Pkt. 10c, oz. 20c, ¼ lb. 75c

SWEET OR SUGAR — Small, round, yellow, excellent for pies. Pkt. 10c, oz. 20c, ¼ lb. 50c

OUR CHAMPION OF ENGLAND PEAS

VEGETABLES GROWN FROM OUR SEED

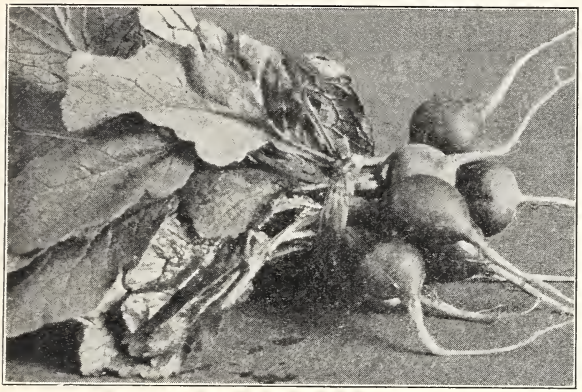
"Our Seeds are Northern Grown, None Better at Any Price."

Fr. *Radis, Rave*
Ger. *Radies*

RADISH

Pol. *Rzodkiew*
It. *Ravanello*

CULTURE—Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.



CRIMSON GIANT,—Grows large, but never pithy, one of the best, intermediate in season, 10c pkt., 20c oz., 45c ¼ lb., $1.50 lb.

EARLY ROUND DARK RED,—Early, pleasant flavored, 10c pkt., 20c oz., 45c ¼ lb., $1.50 lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 5c pkt., 20c oz., 45c ¼ lb., $1.50 lb.

SCARLET TURNIP, WHITE TIPPED—Very early, fine quality, 10c pkt., 20c oz., 45c ¼ lb., $1.50 lb.

OLIVE SHAPED SCARLET—Early, flesh firm and crisp, 10c pkt., 20c oz., 50c ¼lb.,$1.50 lb.

	Pkt.	Oz.	¼Lb.	Lb.
FRENCH BREAKFAST,—Olive-shaped, white-tipped, popular,	.10	.20	.45	1.50
SCARLET GLOBE,—One of the earliest, good for forcing or open ground culture, crisp and tender,	.10	.20	.45	1.50
LONG SCARLET SHORT TOP,—The old favorite,	.10	.20	.45	1.50
LONG ICICLE,—Pure white, fine flavor,	.10	.20	.45	1.50

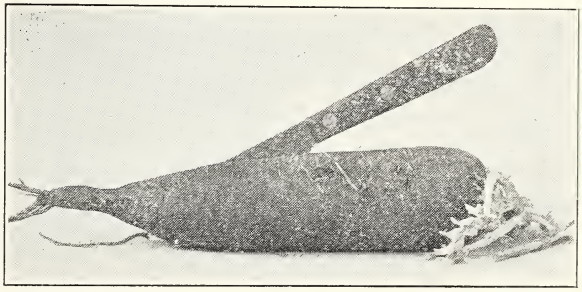
Winter Radishes

It. *Ravanello Invernale*

ROUND BLACK SPANISH—Skin black, globe-shaped, tender. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. $1.50.

LONG BLACK SPANISH—A popular winter variety, Pkt. 10c, oz 20c, ¼ lb. 45c. lb. $1.50.

LONG WHITE SPANISH—Skin white, mild,. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. $1.50.



ROSE CHINA WINTER—Rose-colored skin, flesh white, quality excellent, Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. $1.50.

Fr. *Rhubarbe*
Ger. *Rhabarber*

RHUBARB

Pol. *Rubarbarum*
It. *Rabarbero*

CULTURE—Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with rich dressing of coarse manure, spade under in the spring.

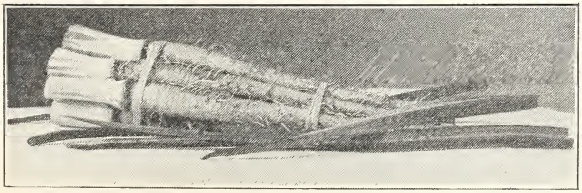
VICTORIA,—A popular variety, rich, red color stalks thick, large and tender, 10c pkt., 25c oz.

ROOTS,—Each 25c, $2.50 doz.

Fr. *Salsifis*
Ger. *Haferwurzel*

SALSIFY OR VEGETABLE OYSTER

It. *Sassefrica*



CULTURE–Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 6 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND—The best variety, 10c pkt., 30c oz., $1.00 ¼ lb.

"Our Seeds are Northern Grown, None Better at Any Price."

SPINACH

Fr. *Espinard* Ger. *Spinat* Pol. *Szpinak* It. *Spinace*

New Zealand Spinach

CULTURE,— Sow early in spring in drills one ft. apart. As it grows, thin out for use. For fall use sow in August. Sow New Zealand in hills two feet apart each way, three or four seeds in hill. This is fit for cutting all summer.

BLOOMSDALE SAVOY LEAVED, — Crinkled leaves, hardy, fine quality. 10c pkt., 15c oz., 25c ¼lb., 60c lb.

KING OF DENMARK—"Antvorskov." A new variety, promising to replace all others, as it is very slow to go to seed, leaves large, dark green, crumpled, round and thick, excellent quality, quick grower. 10c pkt., 15c oz., 40c ¼lb., $1.00 lb.

	Pkt.	Oz.	¼Lb.	Lb.
NEW ZEALAND,—Grows well during the hot weather. Seed should be soaked in warm water before sowing. For eating cut only end of growing tips, after cutting, new side shoots develop ready for recutting in few days.	.10	.15	.40	1.25
THICK-LEAVED ROUND,—One of the best, leaves large, thick, crumpled,	.10	.15	.25	.75
VICTORIA—Leaves very large, thick and much wrinkled, dark green, stands hot weather well and is exceedingly slow to shoot to seed.	.10	.15	.25	.75
PRICKLY WINTER,—	.10	.15	.25	.60

SQUASH

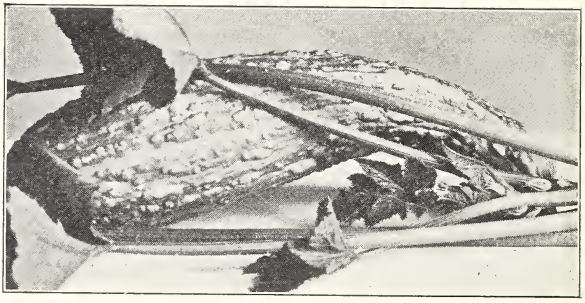
Summer Varieties

Fr. *Courge* Ger. *Kuerbis*

CULTURE.—Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

WHITE BUSH SCALLOP, —Very early, good shipper, 10c pkt., 20c oz., 50c ¼lb., $1.75 lb.

YELLOW BUSH SCALLOPED,—Same as above, excepting color, 10c pkt., 20c oz., 50c ¼ lb., $1.75 lb.



Giant Summer Crookneck Squash

GIANT SUMMER CROOKNECK BUSH,—The favorite summer variety, 10c pkt., 20c oz., 50c ¼ lb., $1.75 lb.

VEGETABLE MARROW,—Summer and fall variety, outside yellow, flesh white, 10c pkt., 30c oz., 80c ¼lb.

Fall and Winter Varieties

	Pkt.	Oz.	¼Lb.	Lb.
BOSTON MARROW,—Fine fall variety, oval, bright orange,	.10	.20	.60	1.75
DELICIOUS,—Green skin, orange flesh, fine grained, sweet and dry,	.10	.20	.60	2.00
IMPROVED HUBBARD,— The leading variety, fine, grained, dry, excellent, flavor,	.10	.20	.60	1.75
IMPROVED MARBLEHEAD,—Similar to Hubbard, a trifle earlier,	.10	.20	.60	1.75
MAMMOTH CHILI,—Orange yellow, grows very large,	.10	.20	.60	1.75

SUNFLOWER,—See Flower Seeds.

TOBACCO,—Connecticut Seed Leaf, 10c pkt., 50c oz.

"Our Seeds are Northern Grown, None Better at Any Price."

Fr. *Tomate*
Ger. *Liebsapfel*

TOMATO

It. *Tomata or Pomidoro*

Livingston's Beauty Tomatoes

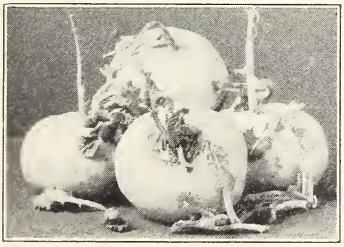
CULTURE—Sow thinly in March in hot-bed or in boxes in the house; when 2 inches high set out plants in boxes, four inches apart or pot singly. If again transplanted before setting in the ground they will be benefited. Plant out about June 1st. Set deeply 4 feet each way. Make hills very rich. Support with frame work or train to stakes.

	Pkt.	Oz.	¼Lb.	
BEAUTY (Livingston's)—Large, smooth, solid, purplish red,	.10	.50	1.50	
CHALK'S EARLY JEWEL,—New, large, solid, smooth, bright red, very early,	.10	.50	1.50	
CORELESS (Livingston's),—Almost round, bright red, very productive, Ripens all over at once, almost free from green core, fine for slicing,	.10	.50	1.50	
CRIMSON CUSHION, or Beefsteak—Very large, scarlet crimson, few seeds, fine new variety,	.15	.85	2.50	
DWARF CHAMPION,—Vine compact and upright, very early, smooth, color same as Acme,	.15	.50	1.50	
EARLIANA,—Extra early, bright red,	.10	.50	1.50	
FAVORITE, (Livingston's),—Large, smooth, productive, good shipper,	.10	.50	1.50	
PERFECTION, (Livingston's),—Early, regular, productive, blood-red, few seeds,	.10	.50	1.50	
PONDEROSA,—One of the largest, solid, good flavor, bright red,	.15	.85	2.50	
RED CHERRY,—Fruit small, about ⅝ inch in diameter, fine for preserves,	.15	.50		
YELLOW PLUM,—Plum shaped, deep yellow, fine flavored,	.15	.50		

Fr. *Navet*
Ger. *Weiz Rüben*

TURNIP

Pol. *Rzepa or Brukiew*
It. *Rapa*



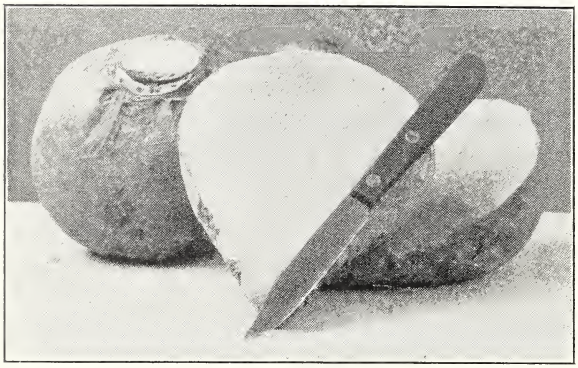
CULTURE—For early turnips sow soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in apart; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	¼Lb.	Lb.
EARLY SNOWBALL—Round, medium size, fine quality,	.10	.15	.40	1.25
EARLY WHITE FLAT DUTCH,—Sweet and fine grained,	.10	.15	.40	1.25
EXTRA EARLY PURPLE TOP MILAN,—The earliest turnip grown,	.10	.15	.40	1.25
LONG WHITE COWHORN,—Roots carrot shaped, flesh firm, white and sweet,	.10	.15	.40	1.25
PURPLE TOP STRAP-LEAVED,—The leading variety for sowing broadcast, good for stock or table use,	.10	.15	.40	1.25
PURPLE TOP WHITE GLOBE,—Good for stock or table,	.10	.15	.40	1.25
IMPROVED GOLDEN BALL,—An excellent table variety, round, yellow fleshed, sweet and solid,	.10	.15	.40	1.25
WHITE EGG,—Good yielder, flesh firm, fine grained and sweet,	.10	.15	.40	1.25
YELLOW GLOBE,—Good for general crop, grows large, good keeper,	.10	.15	.40	1.25
YELLOW STONE,—Good table variety, good keeper,	.10	.15	.40	1.25

"Our Seeds are Northern Grown, None Better at Any Price."

TURNIP—(Continued)

Ruta Baga It. *Rapa Svedese* or Swedish Varieties



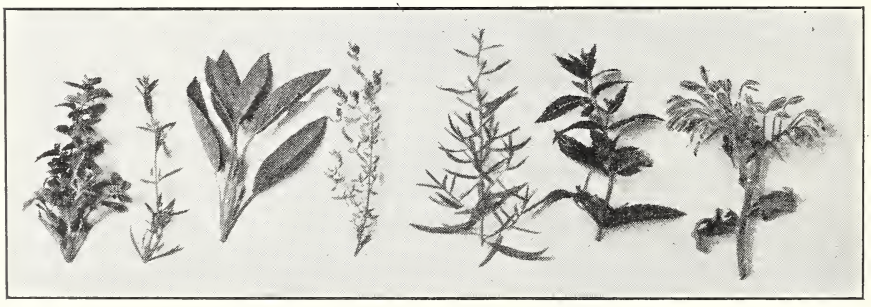
IMPROVED AMERICAN PURPLE TOP—,
The favorite yellow fleshed winter turnip, 10c pkt.. 15c oz., 35c ¼lb., $1.00 lb.

LONG ISLAND PURPLE TOP,—One of the best, flesh yellow, solid, sweet, 10c pkt., 15c oz., 35c ¼lb., $1.00 lb.

SHAMROCK SWEDE,—An excellent yellow fleshed variety, 10c pkt., 15c oz., 35c ¼lb., $1.00 lb.

WHITE SWEDE,—A superior white fleshed variety, 10c pkt., 15c oz., 35c ¼ lb., $1.00 lb.
WHITE SWEET GERMAN,—A fine sweet winter variety, good keeper, 10c pkt., 15c oz., 35c ¼ lb., $1.00 lb.

HERBS



Seeds marked * are perennial.

	Pkt.	Oz.
ANISE,—For garnishing and flavoring	.10	.35
***BALM,**—Used for making balm tea	.10	.60
CARAWAY,—For flavoring	.10	.25
CORIANDER,—For flavoring	.10	.30
DILL,—For flavoring	.10	.25
***HOREHOUND,**—Used for its tonic properties	.10	.50
***LAVENDER,**—Leaves very fragrant	.10	.80
***ROSEMARY,**—Leaves very fragrant	.10	.60
***RUE,**—Used for medicinal purposes	.10	.60
***SAGE,**—A medicinal and flavoring herb	.10	.50
SWEET BASIL,—Leaves used for flavoring	.10	.50
***SWEET FENNEL,**—Seeds aromatic	.10	.30
***SWEET MARJORAM,**—Used for seasoning	.10	.50
***SUMMER SAVORY,**—Used for seasoning	.10	.35
***THYME,**—Used for seasoning	.15	.75
***WORMWOOD,**—Used for medicinal purposes	.10	.60

Antirrhinum

FLOWER SEEDS

STANDARD VARIETIES—Those marked #, climbers	Pkt.	½ Oz.	Oz.
ALYSSUM, Sweet, white, very fragrant, annual,	.05	.25	.40
AMARANTHUS—"Joseph's Coat"—Ornamental foliage plant, easily cultivated, very showy, annual, mixed	.10		
ANTIRRHINUM, — "Snap Dragon," — Half hardy perennial. An old favorite border plant, blooms the first season, but the flowers are stronger the second year, grand for cutting,	.10		

ASTERS

One of the most popular and useful of our annuals.

VICTORIA, — Finest Mixed, — Flower very large and double, considered all in all one of the most satisfactory strains of asters	.10	1.50	
COMET,—Mixed,—Large beautiful flowers, resembling the Japanese Chrysanthemum,	.10	1.20	
PERFECTION WHITE,—Large flowers, one of the best of the white asters,	.15		
CHINA,—Mixed Colors,	.10	.75	
BABY'S BREATH,—(Gypsophila), Fine for cutting to mix with other cut flowers,	.10		
BALSAM (Lady Slipper) — Mixed Double — An old favorite summer garden annual,	.10		
BACHELOR BUTTON—See Centaurea & Globe Amaranth.			
CALENDULA, (Pot Marigold)—Showy, hardy, annual. All the double sorts mixed.	.05		
CALLIOPSIS OR COREOPSIS—Mixed Colors—Showy summer bedding annuals, producing a profusion of every shade of yellow, orange, crimson, red and brown.	.05		
CAMPANULA, — Canterbury Bells, — "Cup and Saucer." The finest variety with white and blue flowers, resembling a cup and saucer, hardy perennial,	.10		
#CANARYBIRD VINE,—Yellow flower, rapid climber,	.10		
CANDYTUFT,—Mixed Annual,—For massing in beds or borders, fine for cutting,	.10	25	
CANDYTUFT,—White—	.10	.30	
CARNATION MARGUERITE,—Finest Mixed, fragrant, comparatively easy to cultivate,	.10		
CARNATION GIANT MARGUERITE,— Finest Mixed,	.15		
CASTOR OIL PLANT,—See Ricinus.			
CELOSIA OR COCKSCOMB,— Glasgow Prize,—Popular annuals of easiest culture,	.10		
CELOSIA,—Mixed,	.10		
CENTAUREA,—"Bachelor Buttons,"—Mixed, old favorite garden annual,	.10	.60	
CLARKIA,—Hardy Annual,—Mixed,	.10		
#COBAEA SCANDENS,—Mixed rapid growing climber, flowers large and bellshaped, plant seeds edgewise, cover lightly,	.10		
COLUMBINE (AQUILEGIA),—Double Mixed.—A most desirable border plant,	.10		
#CONVOLVULUS MAJOR,—Tall Morning Glory. A rapid free flowering climber,	.05	.15	.20
CONVOLVULUS MINOR,— Dwarf Morning Glory,	.05		
COSMOS,—Extra early fancy mixed,—One of the notable fall flowers,	.10		
#CYPRESS VINE,—Mixed,—Summer climbing annual with feathery foliage and star-shaped flowers, borne in clusters,	.10		

Asters

Calendula

DIANTHUS, OR PINKS,—
The Dianthus is one of the most beautiful and satisfactory of the garden annuals; they are unrivaled for brilliancy and profusion of bloom.

DIANTHUS CHINENSIS,—China Pink,—Mixed double, 5c pkt.

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

Dianthus Heddewigii

DIANTHUS HEDDEWIGII,—Japan Pink,—Mixed Double, 10c pkt.

#DOLICHOS,—Hyacinth Bean,— Mixed annual climbing plant of rapid growth, 5c pkt.

ESCHSCHOLTZIA,—"California Poppy",—Mixed single, very attractive for edgings or masses, large handsome flowers of yellow, orange and white, 5c pkt.

FORGET-ME-NOT,—"Myosotis"—Mixed, bears clusters of lovely small flowers,—hardy perennial, 10c pkt.

FOUR O'CLOCK,—See **Marvel of Peru.**

GAILLARDIA,—Mixed, exceedingly beautiful annuals, blossoms from early summer until frost, unrivalled for cutting, 10c pkt.

Hollyhock

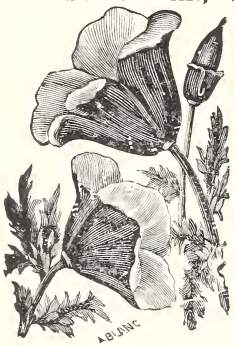
GLOBE AMARANTH,—Mixed, a species of **Bachelor Button,** very ornamental, a summer blooming plant, 10c pkt.

GYPSOPHILA,—See Baby's Breath.

HELIOTROPE,—Finest mixed,—Deliciously fragrant flowering plant perennial 10c pkt.

HOLLYHOCK,—Double mixed—choice, 10c pkt.

HYACINTH BEAN,—See **Dolichos.**



Eschscholtzia

LARKSPUR,—Double dwarf rocket, mixed,—Free flowering hardy annuals, flowers borne in long spikes, 10c pkt.

LOBELIA,—Erinus, mixed, a trailing plant, producing bright blue, white or rose flowers, 10c pkt.

LOVE-IN-A-MIST,—"Nigella,"—Dwarf, double, foliage feathery, with white or blue flowers, pretty annuals, 10c pkt.

MARIGOLD,—Double African Mixed,—Very effective for groups and masses; a favorite annual, 10c pkt.

MARIGOLD,—Double French Dwarf,—Mixed, 10c pkt.

MARVEL OF PERU,—"Four O'Clock,"—Mixed, beautiful summer blooming annual of bushy habit, large flowers of white, yellow, crimson and striped, 5c pkt.

MIGNONETTE—Sweet scented, the common sweet mignonette, very fragrant, 5c pkt., 20c oz.

Double African Marigold

Mignonette Machet

MIGNONETTE MACHET,—The Dwarf **French** variety, with broad spikes of fragrant red flowers, one of the best varieties for out-door culture, 10c pkt.

MIGNONETTE,—Defiance, produces mammoth spikes deliciously fragrant, one of the best for indoor culture, 10c pkt., 85c oz.

MYOSOTIS,—See **Forget-me-not.**

#JAPANESE IMPERIAL MORNING GLORY,—(Ipomoea,) Mixed, rapid climber, producing mammoth flowers; great variety of coloring, 10c pkt.

MORNING GLORY,—See **Convolvulus.**

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

#NASTURTIUM,—Tall, finest mixed, beautiful and luxuriant climber, of easiest culture, flowering until frost comes, 5c pkt., 15c oz., 40c ¼ lb., $1.25 lb.

NASTURTIUM,—Dwarf, finest mixed, very popular and showy for masses and border, 5c pkt., 20c oz., 60c ¼ lb., $2.00 lb.

NICOTIANA, Affinis,—Pure white, very fragrant, 10c pkt.

PETUNIA,—Single large flowering, mixed, many beautiful colors and combinations, 10c pkt.

PETUNIA,—Double large flowering, mixed, a magnificent strain, very beautiful shades, 35c pkt.

Single Petunia

PANSIES

HOWARD'S EXTRA LARGE-FLOWERED CHOICE MIXED PANSIES,—This is a very choice strain of Pansy seed, and under proper cultivation produces mammoth flowers of the most beautiful colors, 25c pkt.

Stock's Large Flowering, 10 Weeks.

ENGLISH FINEST MIXED,—10c pkt.

GOOD MIXED,—10c pkt.

PHLOX—Drummondii-grandiflora mixed, for beds and massing nothing can surpass these beautiful annuals, 10c pkt.

PHLOX "Star,"—Of Dwarf habit, with very pretty star shaped flowers, 10c pkt.

PINKS,—See Dianthus and Carnation.

POPPIES,—Single Mixed, great variety of colors, very showy, 5c pkt.

POPPIES,—California—See Eschscholtzia.

POPPIES,—Mixed carnation flowered, 5c pkt

POPPIES,—Iceland Mixed,—10c pkt.

POPPIES,—Shirley Finest Mixed,—Extra Fine strain, 10c pkt.

PORTULACA,—Single mixed, brilliant dwarf annuals, 6 in. high, for low beds and masses of color they are indispensable, 10c pkt.

PORTULACA, —Double, these make perfectly gorgeous masses of color, 10c pkt.

RICINUS, — Castor Oil Plant, mixed, rapid growing foliage, annual, palm leaves, 5c pkt., 20c oz.

RICINUS ZANZIBARENSIS,—A distinct class, which surpasses in size and beauty all others, 10c pkt., 25c oz.

SALPIGLOSSIS, — Large flowering mixed, a beautiful flowering annual, bearing large flowers of many pretty colors, 10c pkt.

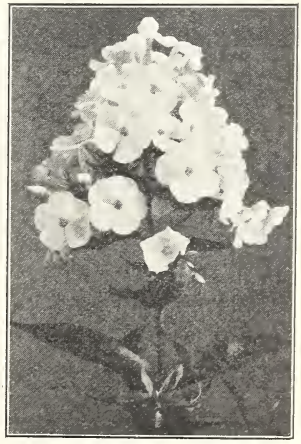
SALVIA SPLENDENS, Bonfire,—Perennial but blooms the first season, bright scarlet, fine for bedding, 15c pkt.

SCABIOSA, — Mourning Bride, Showy border plant. Dwarf, double mixed, 10c pkt.

STOCKS,—Large Flowering Ten Weeks, mixed, highly fragrant, very pretty and a deservedly popular annual, 10c pkt.

SUNFLOWER,—Double Dwarf, 10c pkt.

SUNFLOWER,—Mammoth Russian, 5c pkt.,



Phlox-Drummondii

"Our Seeds Are Northern Grown, None Better at Any Price."

FLOWER SEEDS—SWEET PEAS

ORDHID FLOWERING OR SPENCER SWEET PEAS

This list of Orchid Flowering or Spencer Sweet Peas has been selected with the greatest care from the *newest* and *best* varieties. These are fast replacing the Grandiflora Varieties and are far superior in size, color and length of stem.

HOWARD'S SPECIAL SPENCER or ORCHID FLOWERED MIXTURE

This is the finest possible Spencer Mixture, especially well blended.

Pkt.	Oz.	¼ lb.	½ lb.	1 lb.
.10	.25	.75	1.35	2.50

SELECTED SPENCER LIST

	Pkt.	Oz.	¼Lb.
BARBARA,—Beautiful, rich, glowing orange salmon,	.10	.30	.75
COUNTESS SPENCER,—Large, bright, clear pink on long stems,	.10	.30	.75
FIERY CROSS,—Large, fiery scarlet,	.10	.30	.75
FLORENCE MORSE SPENCER,—Delicate blush, with pink margin very large,	.10	.30	.75
FLORENCE NIGHTINGALE,—Largest and finest pure lavender,	.10	.30	.75
HERCULES,—Very large bright rose-pink,	.10	.30	.75
ISOBEL MALCOLM,—A black seeded cream, flower beautifully waved,	.10	.30	.75
KING EDWARD SPENCER,—Bright Crimson Scarlet,	.10	.30	.75
KING WHITE,—The finest white seeded pure white,	.10	.30	.75
MARGARET ATLEE,—The best rich pink, a giant in size, a strong grower,	.10	.30	.75
PRIMROSE SPENCER,—The finest primrose-yellow,	.10	.30	.75
ROYAL PURPLE,—Beautiful, rich, deep purple,	.10	.30	.75
WARRIOR,—Best deep maroon,—flower large and well waved,	.10	.30	.75
WEDGWOOD,—Brilliant silvery or wedgwood blue on long stems,	.10	.30	.75
WHITE SPENCER,—A pure wavy white, very large,	.10	.30	.75

GRANDIFLORA VARIETIES

	Pkt.	Oz.	¼Lb.	½Lb.	Lb.
BLANCHE FERRY, — Pink and white wings,	.05	.20	.50	.85	1.50
DOROTHY ECKFORD,—Pure, white, beautiful large flowers,	.05	.20	.50	.85	1.50
KING EDWARD VII,—Bright crimson splendid,	.05	.20	.50	.85	1.50
LADY GRISEL HAMILTON,—A grand pale lavender,	.05	.20	.50	.85	1.50
LORD NELSON,—The richest deep navy blue,	.05	.20	.50	.85	1.50
PRIMA DONNA,—Pure pink,	.05	.20	.50	.85	1.50
HOWARD'S SPECIAL GRANDIFLORA MIXTURE,	.05	.15	.40	.70	1.25

SWEET WILLIAM,—Single mixed, an old favorite, rich variety of color, deliciously sweet scented, 10c pkt.

VERBENA,—Finest mixed, for garden beds or massing, the verbena is unrivaled; flowers from spring until late in autumn, 10c pkt.

WALLFLOWER,—Double large flowering mixed, exquisitely fragrant, long spikes of double flower, half-hardy perennial, 15c pkt.

ZINNIA,—Double mixed, Dwarf, very showy, free flowering, hardy annual, 10c pkt.

PRIZE-WINNING FLOWERS GROWN IN THE BERKSHIRES

For our list of Flower Seeds see pages 21-22-23-24 and inside back cover

SCENES OF THE BERKSHIRES

Some of the finest lawns have been made with our lawn seed. See our list of Lawn Seed, Grasses, Clovers, Grains and Flowers, pages 21-26 inclusive

BIRD SEEDS

CHOICE MIXED, per lb., 15c
CANARY,—Choice Sicily, " 15c
HEMP,— 14c, 2 lbs. 25c
MILLETT,—per lb. 10c, 3 lbs. 25c
RAPE,—per lb. 14c, 2 lbs. 25c
SUNFLOWER,—Mammoth Russian, 14c per lb.

VEGETABLE ROOTS

ASPARAGUS ROOTS,—See page 2.
CHIVES, Pol. *szczypior,* It. *Costole di Fiori* ..... 25c per bunch
HORSE RADISH ROOTS, Pol. *Chrzan,* It. *Ramolaccio,* Maliner Kren,—
Cut in pieces ..... 35c per doz., $1.50 per 100

List of GRASSES and CLOVER Adapted to this Climate

PRICES SUBJECT TO MARKET CHANGES

	Weight Per Bushel.
CANADA BLUE GRASS,—Valuable for dairy pastures, 38 lbs. to acre,	14 lbs.
CREEPING BENT GRASS,—Excellent for lawns, succeeds well in most situations, 60 lbs. to acre,	20 lbs.
ENGLISH RYE GRASS,—For permanent pastures, 60 lbs to acre,	24 lbs.
HARD FESCUE,—A dwarf growing grass, succeeding well in dry situations, 30 lbs. to acre,	12 lbs.
HUNGARIAN GRASS,—Is a valuable annual forage plant, 1 bushel to the acre,	48 lbs.
ITALIAN RYE GRASS,—Thrives in almost any soil and yields early and abundant crops, practically annual; 50 lbs. to acre,	18 lbs.
KENTUCKY BLUE GRASS,—Fancy, valuable for lawns and pastures, 50 lbs. to acre,	14 lbs.
MEADOW FESCUE,—Of great value in mixtures for permanent pastures, 50 lbs. to acre,	22 lbs.
MEADOW FOXTAIL, — Is the principal grass in all rich, natural pastures, 30 lbs. to acre,	7 lbs.
ORCHARD GRASS,—One of the most valuable grasses either for pasture or hay, 70 lbs. to acre,	14 lbs.
RED TOP GRASS,—In chaff, 4 bushels to acre,	14 lbs.
RED TOP GRASS, FANCY,-Or extra re-cleaned seed, 32 lbs. to acre,	32 lbs.
RHODE ISLAND BENT GRASS,—A very fine variety for lawns, 60 lbs. to acre,	14 lbs.
ROUGH STALKED MEADOW GRASS,—Valuable for pastures and meadows, particularly on damp soil, 30 lbs. to acre,	14 lbs.
SHEEP'S FESCUE, — Short and dense in growth, excellent for sheep pastures, 40 lbs. to acre,	12 lbs.
SWEET VERNAL TRUE PERENNIAL,—Emits an agreeable odor, which it imparts to the hay, 3 lbs. to acre with other grasses,	10 lbs.
TALL MEADOW FESCUE,—Very early, nutritive and productive. Good for pastures on wet or clay soils, 40 lbs. to acre,	14 lbs.
TALL MEADOW OAT GRASS,—Recommended for soiling, being rapid and luxuriant in its growth 50 lbs. to acre,	10 lbs.
TIMOTHY OR HERD GRASS,—The most important of hay grasses. The seed we offer is of the very highest quality, 25 lbs. to acre,	45 lbs.
WOOD MEADOW GRASS,—Of early growth, thriving well under trees,	14 lbs.
Our Clovers are American Northern Grown	
ALFALFA OR LUCERNE, — In light soils, particularly in southern altitudes, it is invaluable, 25 lbs. to acre,	60 lbs.
ALSIKE OR HYBRID CLOVER,—Equal in nutritive value to the Red or Pea Vine Clover, excellent for clover-sick land,15 lbs. to acre.	60 lbs.
MAMMOTH RED OR PEA VINE CLOVER,—15to 20 lbs. to acre,	60 lbs.
RED CLOVER MEDIUM,—15 to 20 lbs. to acre,	60 lbs.
SCARLET OR CRIMSON CLOVER,— Sow in July or August for mowing the ensuing Spring, 20 lbs. to acre,	60 lbs.
SWEET CLOVER,—For Bee food and as a Fertilizer, 20 lbs. to acre,	60 lbs.
WHITE CLOVER, — Should be used in all mixtures for permanent pasture and for lawns, 10lbs. to acre,	60 lbs.

SPECIAL GRASS MIXTURE FOR PASTURES.
SPECIAL GRASS MIXTURE FOR HAY—Mixed to order from finest quality grasses.

"Our Seeds are Northern Grown, None Better at Any Price."

GRAINS—Price According to Market and Subject to Change

BARLEY,—Six rowed, **Choice Northern Grown,** per bushel 48 lbs. $2.15; (1½ to 2½ bushels to acre.)

BUCKWHEAT,—Silver Hull—48 lbs. per bushel. **Japanese,** 48 lbs. per bushel. 1 bushel to acre. Prices on application.

OATS,—White Swedish,—Selected,—Northern Grown,—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to 2½ bushels to acre. $1.90 per bushel.

OATS,—Pearl choice,—32 lbs. per bushel 2 to 3 bushels to acre. $1.20.

RAPE,—Dwarf Essex,—In drills 5 lbs. to acre, broadcast 10 lbs. to acre, per lb. 15c., per 100 lbs., $12.00. Subject to market changes.

RYE,—Spring.—For sowing in the spring, 56 lbs. per bushel. 1½ bushels to acre. $2.90

RYE,—Winter,—For fall sowing, 56 lbs. per bushel. 1½ bushels to acre.

SOY or SOJA BEANS—Good for ensilage or green fodder, not good for hay. ½ to ¾ bushels to acre in drills.

VETCHES,—Sand Winter, a Hairy Vetch,—30 to 50 lbs. to acre, prices variable.

WHEAT,–Spring,–60 lbs. per bushel. $3.15. Winter,–60 lbs. to bushel. 1½ bushel to acre.

HUNGARIAN GRASS,—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to 1½ bushels per acre. Market price.

MILLET,—German or Golden,—Similar to above, flower stem more branching, 50 lbs. per bushel. Market price. 1 to 1½ bushels to acre.

MILLET,—Japan,—Barnyard (Crus-galli). Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. Market price.

LAWN GRASS SEED

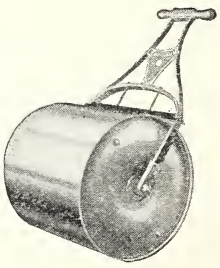
OUR LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, practically free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Some of the finest lawns in Western Massachusetts are the results of using Our Seed and Fertilizer. Quantity required per acre 5 bushels. One Quart will sow 250 square feet. Price per quart, 40c., ½ peck, $1.50, peck, $2.75, bushel, $10.00

SHADY LAWN SEED—A special mixture for growing in shady places. 1 qt. 50c, ½ peck $1.75, peck $3.25, bushel $12.00.

PUTTING GREEN MIXTURE—Especially for Putting Greens. 1 qt. 75c, peck $4.75, bushel of 25 lbs. $18.00.

REPAIRING LAWN MOWERS

We repair and sharpen Lawn Mowers of all kinds, putting them in first-class working order. Should any be sent to us that are too nearly worn out to repair, we will so advise.



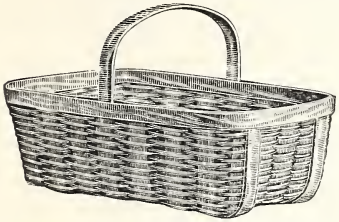
LAWN AND GARDEN ROLLER

WATER BALLAST—Diam. 18" x 24"—Weight, empty 85 lbs., when filled with water 300 lbs., if filled with sand 450 lbs. Price with roller bearings $20.00, with plain bearings $16.00.

24 x 24—Weight empty 110 lbs., Water filled 500 lbs. Price $23.00

"Our Seeds are Northern Grown, None Better at Any Price."

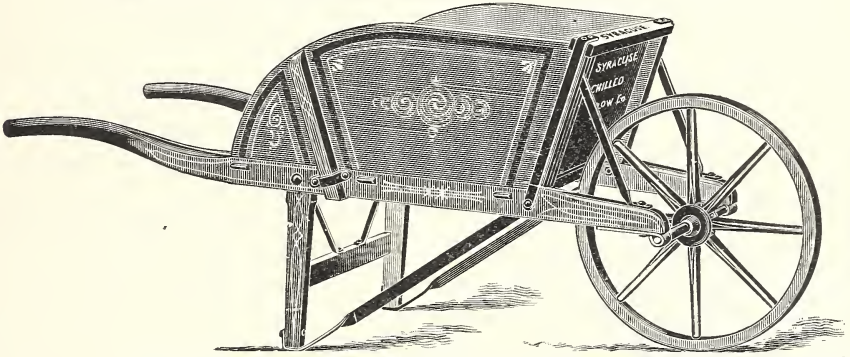
BASKETS



Vegetable handles over, No. 1, 18x11x6	$ .90
" " " " 2, 20x12x6½	1.00
" " " " 3, 22x14x7	1.25
" " " " 4, 24x14x9	1.65
Picking Drop Bail.....75c,	90c, 1.25
Berry—One quart standard—market price.	
One quart, closed end	
One pint, standard	
Grocers—(cut under handles)	.80 and .85
" " " " "	$1.00 and $1.25

One bushel Metallic, Heavy	$1.25, $1.75 and $2.75
1½ " " "	2.00 and 3.50
Two " " "	2.50 and 4.50
Diamond Market.....15c to .20	
Covered Diamond Market.....25c to .75	
One bushel, Common Stave.....30 and 1.00	
" " Hand made Oak or Ash,	1.25, 1.40 and 2.25
1½ bushel Ash,	2.25
Two " "	2.50

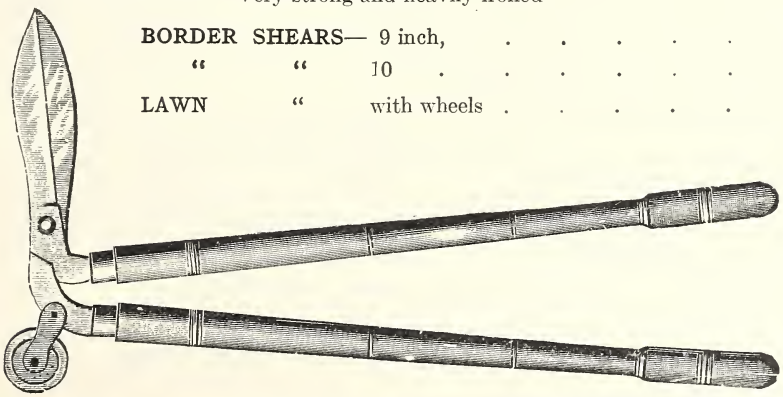
GARDEN BARROW



A strong, well-made Garden Barrow, nicely painted. PRICE

Boys'	85 cents to $6.00
Common Size, No. 64	7.50
Large Size, No. 65	8.50

Very strong and heavily ironed



BORDER SHEARS— 9 inch,	$4.50
" " 10	4.75
LAWN " with wheels	6.00

Hedge Shears

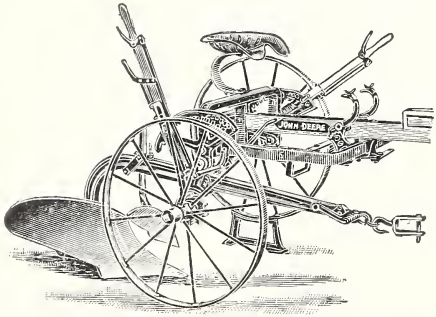
8 inch,	$2.25
9 inch,	2.50
10 inch,	3.00

BRANCH OR LOPPING.

$1.75 to $6.00

The McKenney, No. 1, Med.,	4.50
" " " 2, Large,	6.00
" " Hand size	3.50

A SECTION OF OUR TOP FLOOR SHOWING PART OF PLOW AND MACHINE DEPARTMENT



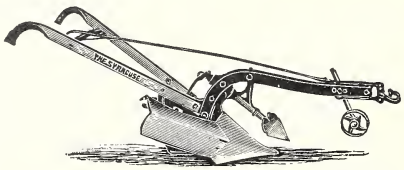
The John DeereTwo-Way Sulky Plow

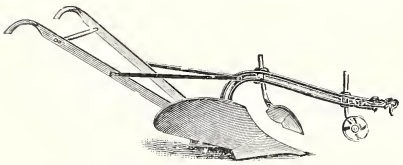
One of the standard reliable sulky plows,
No. 1441S No. 1341S

Weight 655. Price $115.00

SYRACUSE STEEL BEAM SWIVEL PLOW "822"

This Plow will certainly please you, it is light yet very strong has ample throat capacity and close-fitting joints to prevent clogging.
Price complete with Wheel and Jointer, steel $33.65





SYRACUSE STEEL BEAM LANDSIDE PLOW "NO. 31"

A splendid Plow. If you have difficult land to turn, this will do it when other Plows fail. Price complete with Steel mouldboard, $31.65

CAMBRIDGE NO. 29 PLOW

Light Two Horse Swivel Plow. Complete with Jointer and Wheel. 31.40

EDDY NO. 136S SWIVEL PLOW "Chilled"

Complete with Wheel and Jointer. 25.00

HILLSDALE PLOWS

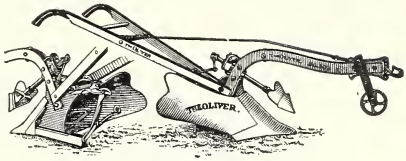
A very good Low-Priced, Two-horse Plow, Cast Beam.

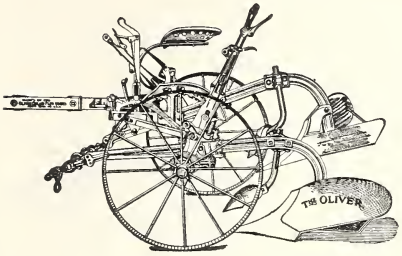
No. 2—Swivel Two-horse with Wheel, $12.50
No. 3—Landside " " " 12.50

OLIVER SWIVEL PLOW

A Practical Plow

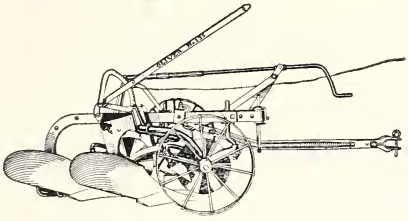
No. 512, complete, ... $31.95
No. 513, " 32.95





THE OLIVER REVERSIBLE SULKY PLOW

A very reliable "two-way" sulky plow, strong, easily operated, does excellent work.
No. 23A—83D is the popular size.
Price $115.00



TRACTOR PLOWS

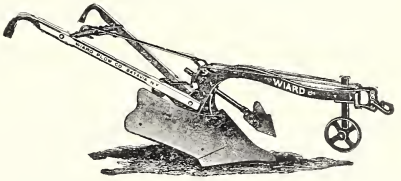
JOHN DEERE, No. 40-1442-S-Two-Bottom Plow with combined Rolling Colters and Jointers, $99.75

OLIVER TRACTOR PLOW, No. 134—One Bottom, $95.00

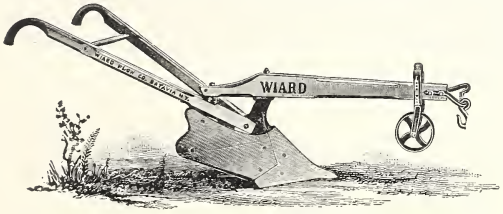
OLIVER TWO-WAY TRACTOR PLOW, No. 20—$165.00.

WIARD SWIVEL PLOW

A good Plow, with an excellent reputation and capable of doing first-class work.



No. 120, with Steel Beam and Steel Mouldboard, with Wheel and Jointer, . $36.25
No. 120, with Steel Beam and Cast Mouldboard, " " " " . 34.25
No. 126, with Steel Beam and Steel Mouldboard, " " " " . 37.25
No. 126, with Steel Beam and Cast Mouldboard, " " " " . 35.25

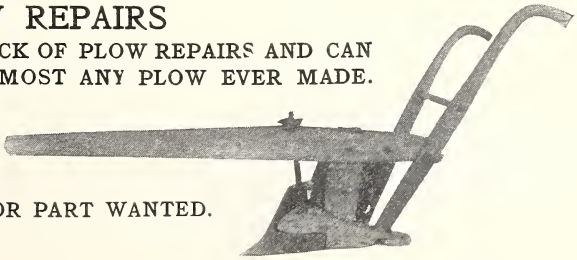


WIARD ONE HORSE SWIVEL PLOW

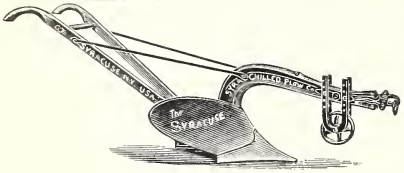
No. 21, with wood beam, wheel and clevis. An excellent plow for one horse, $16.75

PLOW REPAIRS

WE CARRY A LARGE STOCK OF PLOW REPAIRS AND CAN FURNISH PARTS FOR ALMOST ANY PLOW EVER MADE. WE MUST, HOWEVER, KNOW THE MAKE AND NUMBER OF YOUR PLOW. IF UNABLE TO GIVE THIS, BRING THE OLD POINT OR PART WANTED.



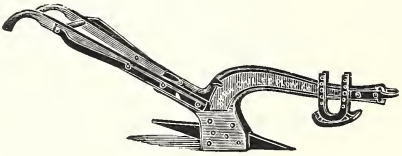
One of our relics—at least 150 years old



CONTRACTOR'S PLOW, NO. 1

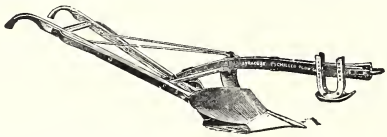
Heavy beam, point and strip. Made especially for grading purposes. Weight 205 lbs. Two or four horses. Price, with wheel, $32.00

PAVEMENT PLOW, NO. 98



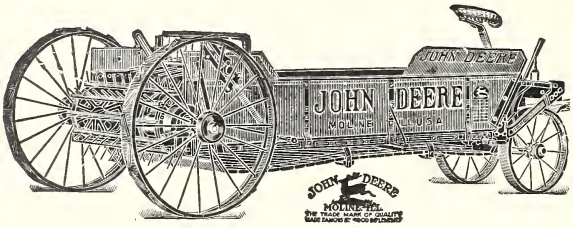
A favorite with contractors. Has reversible crucible steel point. loop handle wear irons built for hard work, such as tearing up cobblestones and macadam. Four or six horses. Weight 290 lbs., $40.00

TRUSS BEAM GRADING PLOW, No. 99

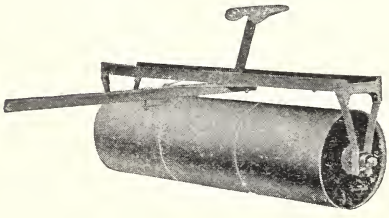


For severe grading purposes in shale or hard pan. Four or eight horses. Weight 330 lbs. $70.00.

THE JOHN DEERE LOW DOWN MANURE SPREADER



The value of having a spreader Low Down for loading is readily understood. The John Deere is not complicated, is giving splendid satisfaction. Weight of size B—2 Horse, 1582 lbs. Price $190.00.



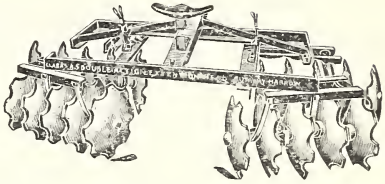
STEEL FIELD ROLLER

The drum of this roller is steel; it is 24 inches in diameter, has removable dust-proof boxes, closed ends and is an excellent one.

PRICE—3 SECTION—8 FT. 24 IN. DIAM.—
$60.00

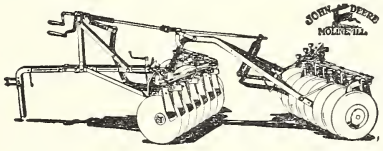
CLARK'S CUTAWAY HARROW

Clark's Cutaway Harrows are well known and hardly need description here, they are made in Double Action, that is double sets of gangs, (see cut). Regular Double Lever Cutaway, and in many sizes, the size most suitable for this section is:—

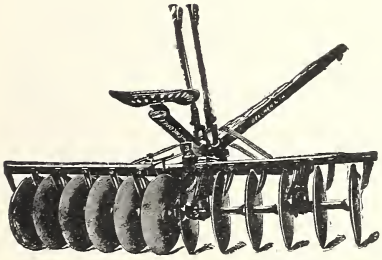


Double Action, 20-16 in. Discs, . . $87.45

TRACTOR HARROW, MODEL L



Width 6 feet, discs 16 inches diameter, weight 824 lbs. Price $120.00



DISC HARROWS

An excellent harrow, made rugged—especially adapted for New England soils.

Price complete with Scraper Attachment, Whiffletrees and Evener with 12-16 in. Discs, $60.00

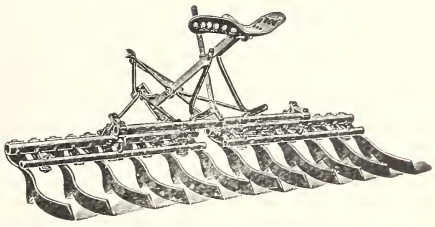
Price complete with Scraper Attachment, Whiffletrees and Evener with 12-18 in. Discs, $64.00

A LITTLE LIGHTER HARROW, YET STRONG AND SUBSTANTIAL

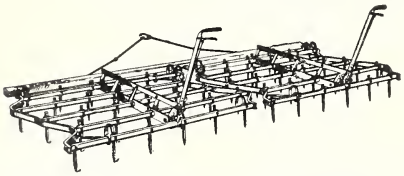
Price complete with Scraper Attachment, Whiffletree and Evener with 12-16 in Discs, $48.00

ACME PULVERIZING HARROW

The "Acme" cuts, crushes, levels, turns and smooths at one operation, making a perfect seed bed. The No. 23 is the standard two-horse size, cuts 6 feet, 6 inches wide, weighs 130 lbs. Price $27.00



STEEL FRAME SMOOTHING HARROW



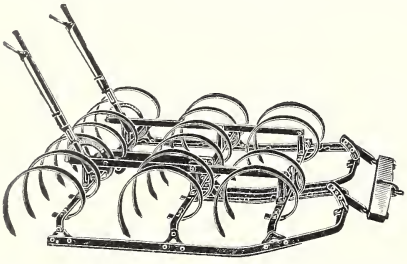
CAN BE INSTANTLY CHANGED FROM A SMOOTHING TO A REGULAR SPIKE TOOTH HARROW. TEETH ARE ADJUSTABLE TO ANY ANGLE BY THE LEVERS

These are the **VERY BEST STEEL SMOOTHING HARROWS** manufactured, strong and well made.

Price—1 Sections, 25 teeth, $14.00
" 2 " 60 " 28.00

Price—3 Sections, 90 teeth, $42.00

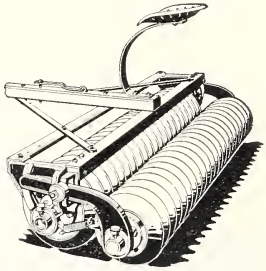
SPRING TOOTH HARROWS



Either McCormick, Oliver, or Syracuse, very strong, well made, serviceable harrows and very satisfactory, do excellent work.

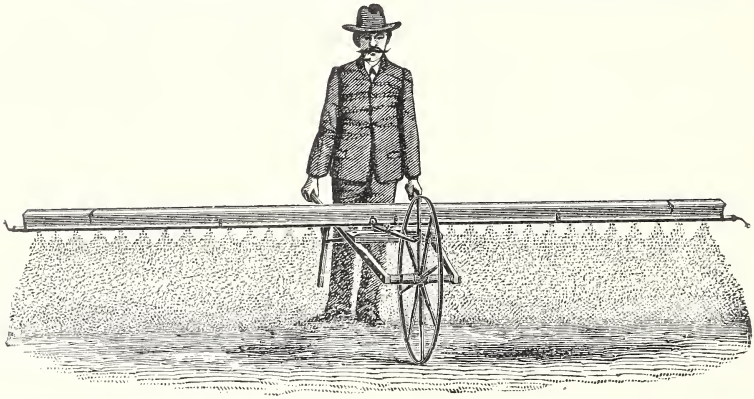
Price, 10 Tooth One Horse	$20.00
" 15 " Two "	32.00
" 17 " " "	35.00
GIANT 2-Section Tractor Harrow with Shoes and Draw Bar	$52.00

THE CULTIPACKER



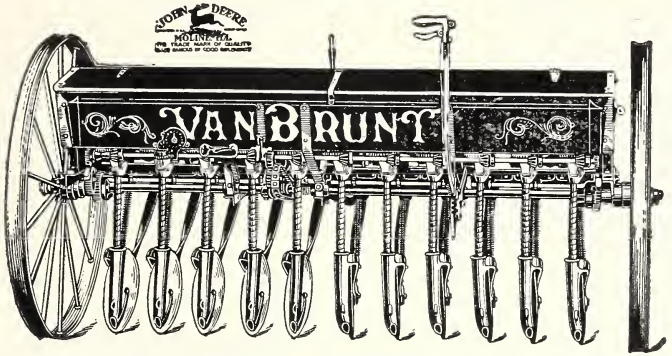
Acts as a roller and pulverizer, Double Gang, front gang 15 in. diameter, rear gang 12 in., is 8 ft. wide, Roller Bearings, and has 43 Sections. Weight 1010 lbs. Price $100.00.

THOMPSON'S ROYAL GRASS SEEDER



Sows any kind of Grass Seed perfectly and rapidly; width of Seeder Box 14 ft. Price $15.50
Grain Box extra, $9.50

VAN BRUNT GRAIN AND FERTILIZER DRILL

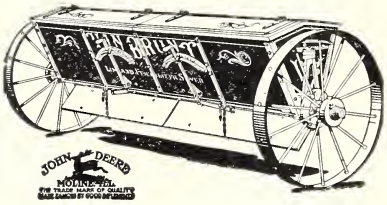


This Drill sows Grain, Grass Seed and Fertilizer perfectly. It has a positive force feed, will not break the grain, is light draft, is not complicated, evenly balanced, rests lightly on the horses' necks and is fully warranted. The Disc model is now the favorite having almost entirely displaced the hoe type. Price 11 tube Disc Drill, Complete $195.00

VAN BRUNT LIME AND FERTILIZER SOWER

No gears or chains to get out of order, will distribute from 150 to 8000 lbs. per acre. By shifting one lever the working parts may be easily removed for cleaning. One of the best machines.

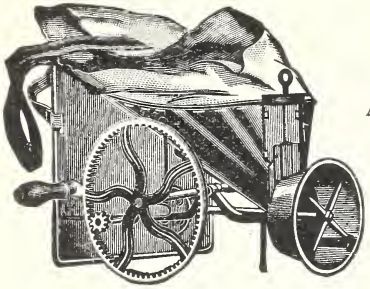
Width 8 ft., - - - $98.50



Second Cutting of a Local Field of Clover Grown from Our Seed

THERMOMETERS

Butchers or Meat Packers, 18-in.,	$2.25
Tested, 12 inch, metal case	$1.25, $2.00 and $2.25
10 inch tested	90c, $1.25 and $2.00
8 inch tested	85c, $1.00, $1.50 and $1.75
Hot Bed, guaranteed	$3.00
Maple Syrup	$2.00
Oven	$2.00
Self Registering	$6.50
Window, glass with brackets	$2.50
Window, enameled white	$1.25



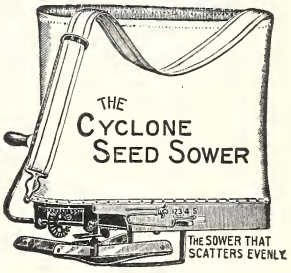
Cahoon Seeder

Cahoon Broadcast Seed Sower

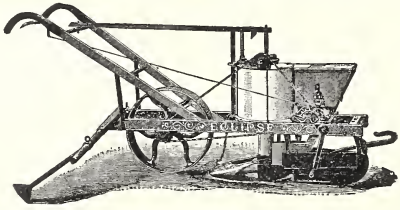
Sows both Grass Seed and Grain. Price $5.50

Cyclone Broadcast Seeder

A very rapid and easily operated seed sower. Price $2.50

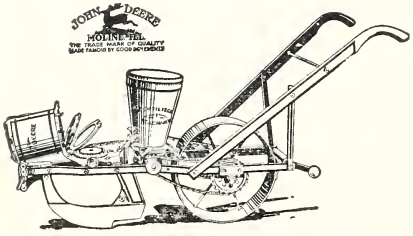


Eclipse Corn Planter and Fertilizer Distributer



Plants Corn, Beans, Peas, etc., perfectly, and at the same time distributes evenly the fertilizer in such a manner that it does not come in direct contact with the seed.

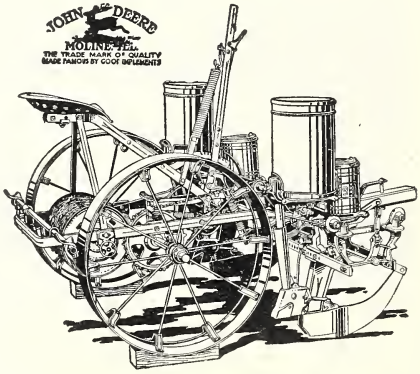
Price, Single Row Planter, $47.50



THE DEERE ONE ROW CORN PLANTER

WITH FERTILIZER DISTRIBUTOR

A reliable machine $33.00



The DEERE TWO ROW CORN PLANTER

With Fertilizer Distributor

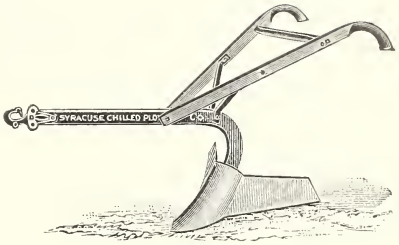
A very efficient machine durable and reliable $115.00

Corn Huskers, 15c, 20c and 35c

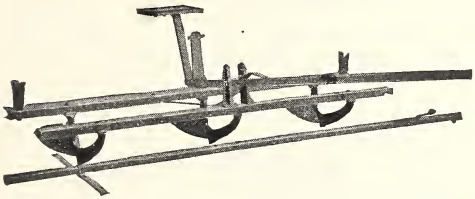
Corn Ties—With four feet of rope, per 100, $2.25

STEEL BEAM SHOVEL PLOW

Steel Point and Adjustable Steel Wings, and the price is only, $8.50



IMPROVED FURROWER AND MARKER



Marks and Furrows at the same time, adjustable to mark any width or depth. The wearing part of the runners is chilled iron, the wings are steel and the frame is oak, it is a labor-saver.
Price No. 1 makes 3 furrows at once, $22.00.
Price No. 2, makes 2 furrows at once, $18.00.

HAND CORN PLANTER

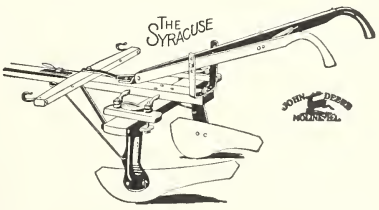
Rapid and reliable. Price $3.00

Potato Ridger, Coverer and Hoe

Next to the complete potato planter this is the best tool for ridging and covering potatoes. It is adjustable in many ways, stands high and is especially valuable for hoeing potatoes.

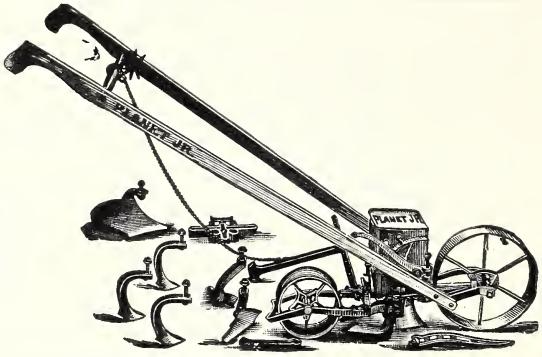
PRICE WITH POLE and wings as shown, $17.00

PRICE WITH POLE and 20 inch discs as shown, 20.00

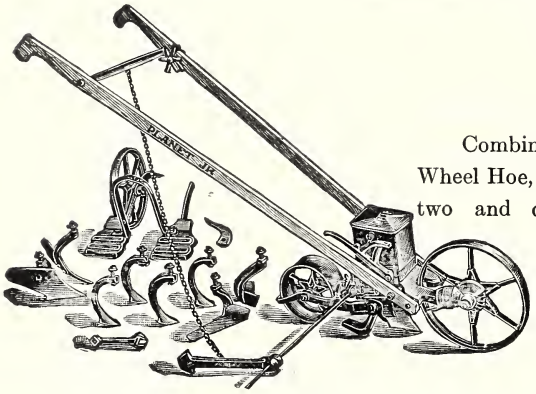


USE OUR MAPES AND SPECIAL POTATO FERTILIZER FOR BEST RESULTS IN RAISING POTATOES.

"PLANET JR." NO. 4
Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow



Hopper holds two and one-half quarts seed.
Price complete, as shown, $18.00
As a seeder only, - - $14.25

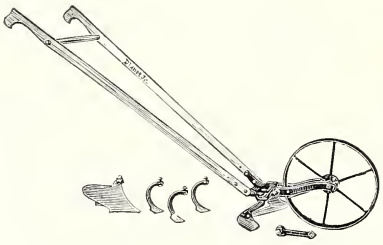


"PLANET JR." NO. 25

Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Hopper holds two and one-half quarts. Substantial and accurate, two good machines in one. As a drill it is almost identical with the **No. 4 Drill.** As a wheel hoe it is identical with the **No. 12 Double Wheel Hoe.** Price $21.50.

"PLANET JR." NO. 17
Single Wheel Hoe

Consists of one pair 6 in. hoes, three cultivator teeth, one garden plow. Price as shown, $7.75.

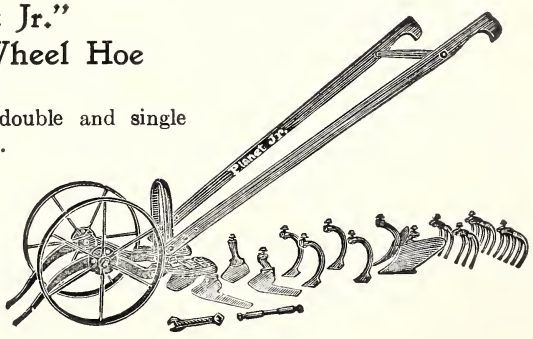


No. 16 same as No. 17, but has 2 Rakes and Leaf Guard.
Price $9.00.

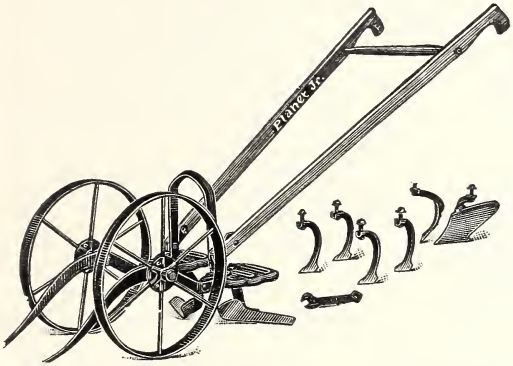
No. 11 "Planet Jr." Double and Single Wheel Hoe Combined

as shown. The best combined double and single wheel hoe made.

With this machine one man can do more and better work than six with ordinary hoes, Capable of almost an endless variety of changes.
Price complete, as shown $13.75



"Planet Jr." No. 12 Double Wheel Hoe, Cultivator and Plow



is identical with the No. 11 except the 4½ in. Hoes and the rakes are omitted. PRICE $10.75

We also sell this with only the long hoes (which are shown attached in cut) and without leaf guards; this we call the Plain Double Wheel Hoe.

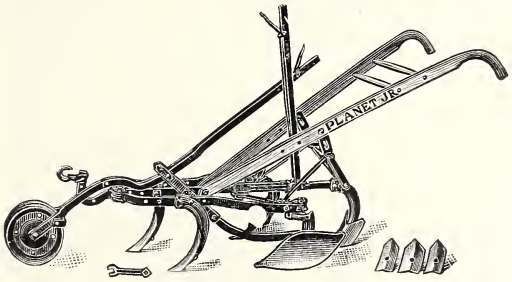
No. 13. Price $8.00.

Star Pulverizer

"PLANET Jr." STAR PULVERIZER—for the small garden, flower bed, around trees and shrubbery, it pulverizes and turns the weeds upside down, width 7½ in., **$3.25.**

"PLANET Jr." JUVENILE WHEEL HOE—An inexpensive practical tool. **$2.50.**

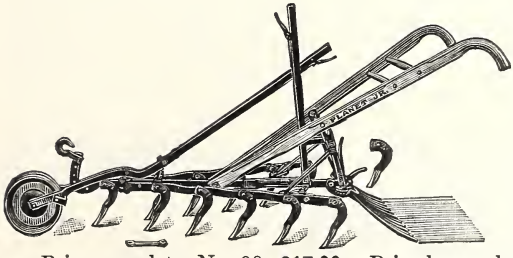
No. 8 "Planet Jr." All Steel Horse Hoe and Cultivator



Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, it is built extra long, high and strong, has lever for adjusting width, lever for adjusting wheel, which at the same time adjusts the **Depth Regulator.** This prevents cultivator settling at the back end.

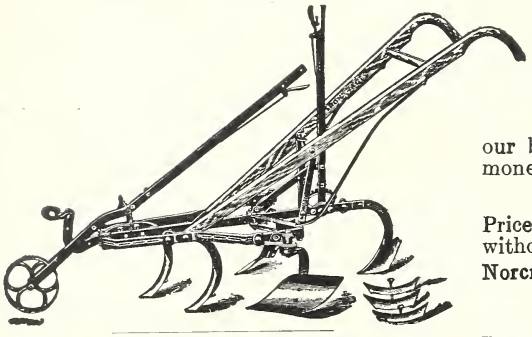
Price complete as shown with new steel wheel, **$16.25.**

"Planet Jr." 12 Tooth Harrow, Cultivator and Pulverizer



A glance at this cut will convince you that this is a thoroughly practical tool; it is what is called a Harrow, Cultivator and Pulverizer. The handles are adjustable sideways so that you need not walk on the finished work. It is adjustable from 12 to 32 inches in width, and is a special favorite with market gardeners.

Price complete, No. 90, **$17.00.** Price less pulverizer, No. 90B, **$13.75.** Price plain with No. 9 wheel and expanding lever, No. 91, **$12.75.**



ALL STEEL HORSE HOE AND CULTIVATOR

This is a good implement, not our best but a very good one for little money.

(All steel but the handles.)

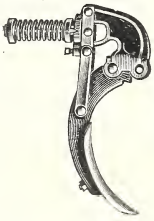
Price complete with hilling wings, but without wheel lever $10.50

Norcross Hand Garden Cultivator $1.00 and $1.25

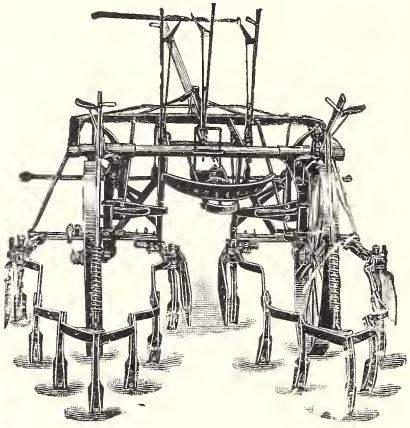
"Planet Jr." No. 72, G. Two Row Pivot Wheel Cultivator, Plow, Furrower and Ridger, with Spring Trip Standards

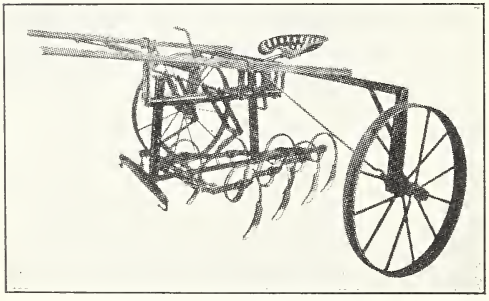
This tool is so designed that the operator can **make changes in width of gauge instantly while machine is in motion,** thereby adjusting it perfectly to rows varying greatly in width. Think of the saving in cultivating perfectly two rows of potatoes, beans, corn, or any crop planted in rows (any widths from 28 inches to 44 inches apart) at a single passage. It is a remarkably good tool.

Price Complete with (14) Spring Trip Standards, $120.00



Spring Trip Standard





ONE ROW SULKY CULTIVATOR

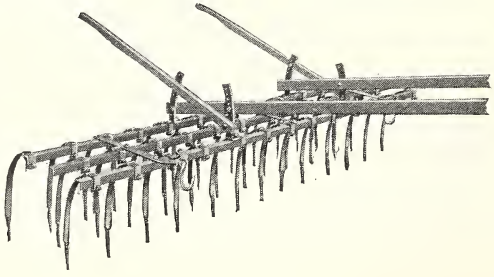
Has 7-Spring Teeth, can be instantly adjusted by operator-

Price, $50.00

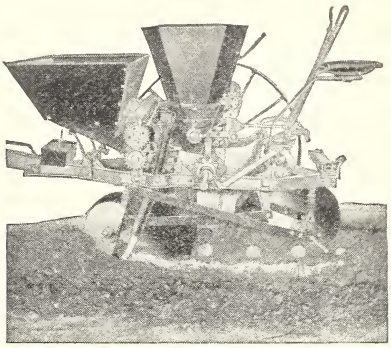
ADJUSTABLE WEEDER

New Style, as shown in cut. This is a marked improvement over the old one.

PRICE, $18.00

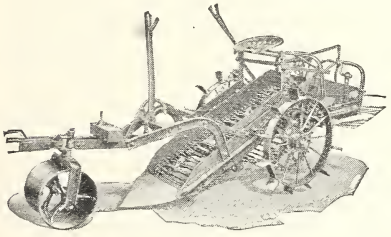


HOOVER POTATO PLANTER
WITH FERTILIZER DISTRIBUTOR



The Hoover is distinctly a one man Planter, it opens the furrow, drops the potato, also the fertilizer in such a way that it does not come in direct contact with the potato, covers both the fertilizer and the potato, in fact, does at one operation the complete job of potato planting in a more uniform manner than can be done by hand, saving an immense amount of heavy, hard work.

Price $150.00



HOOVER
POTATO DIGGER

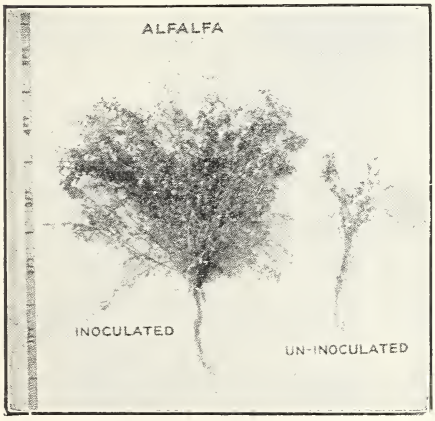
A practical digger, working well in almost all kinds of soil where it is reasonably free from weeds and grass, in fact working well under many unfavorable conditions where other diggers fail, with 2 horse evener and stone guard, $155.00.

EUREKA POTATO DIGGER

Price . . . $145.00

SUCCESS, JR., POTATO DIGGER

Works on the principle of the Shovel Plow—Price $17.50.



NODOGEN

Nitrogen gathering bacteria for seed innoculation of Alfalfa.

No. 1—1 Bu. size Alfalfa and Sweet Clover, 85c

No. 2.—½ Bu. size Alfalfa and Sweet Clover, 50c

No. 3—1 Bu. size Large and Medium Clover; Alsike; white Dutch; crimson 85c

No. 4—½ Bu. size Large and Medium Clover; Alsike; white Dutch; crimson 50c

No. 9—1 Bu. size all vetches, spring, winter, etc., Field and Garden Peas Sweet Peas, 50c

No. 13—Garden size Peas and Sweet Peas, Garden Beans and Limas, 25c

For growing plants in house or garden.

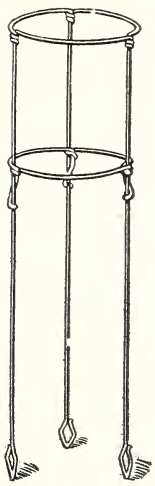
Small package	15c
Package of 30	25c
" " 100	75c
" " 1000	$3.50

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

FERTI-FLORA—A liquid fertilizer, especially good for house plants and ferns. Per bottle 35c.



CARNATION SUPPORT,—"Model Extension." 2 ring, per doz., $1.00; per 100, $7.00, 3 ring, per doz., $1.25; per 100, $8.00

CHINESE BAMBOO CANES,—

	Each	Doz.	Hundred
5 feet	6c	65c	$5.00
8 "	15c	$1.60	$12.00
10 "	25c	2.75	

STAKES, SQUARE, GREEN, TAPERING.—

	Each.	Doz.	Hundred
1½ feet	3c	25c	$2.00
2 "	4c	45c	3.50
3 "	9c	95c	7.00
4 "	12c	$1.35	11.00
5 "	18c	2.00	16.00
6 "	20c	2.25	18.00

GALV. WIRE STAKES,—

	Doz.	Hundred
2 feet	25c	$1.50
3 "	35c	2.00
3½ "	40c	2.25
4 "	45c	2.50
5 "	55c	3.00
6 "	60c	3.25

WOOD GARDEN LABELS,—(100 in pkg.)—
8 inch per hundred, *Painted*, $1.25
12 " " " " 2.25

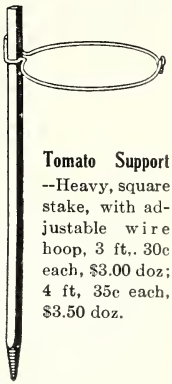
WOOD POT LABELS,—(1000 in pkg.)—
4 inch..... *Painted*, $2 00
6 " ..... "$3.25

WOOD TREE LABELS—,3½in. copper wired, 20c per doz., 60c per 100

FLOWER STEMS,—(Wired Tooth Picks), per box of 10,000, $3.25.
6 in., Green, per box of 3M.....$3.25

LEVER CLIPS—Blake's, pkg.....$2.00

TOMATO SUPPORT—Model wire, price 35c each, per doz., $3.50



Tomato Support --Heavy, square stake, with adjustable wire hoop, 3 ft,. 30c each, $3.00 doz; 4 ft, 35c each, $3.50 doz.

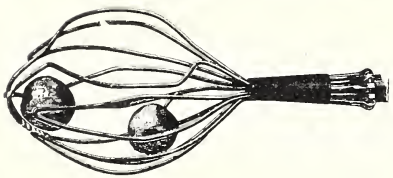
GLASS CUTTER.....25c and 40c
GLAZING POINTS, (Brads) Pkg. 25c
" " (Zinc) " 10c
" " (Peerless) " $1.25
GLAZING NAILS, Box.....25c

GARDEN TROWEL, (common)15c,20c
" " solid steel 50c
" " forged steel 90c
" " transplanting 15 and 35c

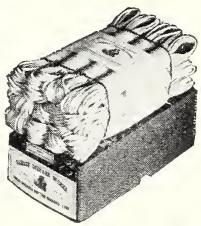
WEEDING FORKS.. 15c, 35c and 50c

FLORAL SETS
3 in set (small).....50c, 75c, $1.00
3 in set, strong (large) 2.50
4 in set.....3.00

ASPARAGUS KNIVES 50c



FRUIT PICKERS (wire) 75c



GARDEN LINES,
(100 ft.).....1.50
GARDEN REELS,large $1.75, extra large $2.25

HAND WEEDERS
15c to 50c.

TREE TUBS
Made of Virginia White Cedar, painted green.

	Diam.	Height	Each
No. 1	12 inches	10⅝	$3.50
" 2	13 "	12¾	4.40
" 3	14½ "	14¾	5.75
" 3½	16½ "	15¾	7.75
" 4	19½ "	16⅝	8.25
" 5	22½ "	18½	9.75

Galv. Plant Tub 12 in. sq. "Green" $2.50

HAND CARTS

Light and Strong

Size inside of body 39 in. x 20½ in.

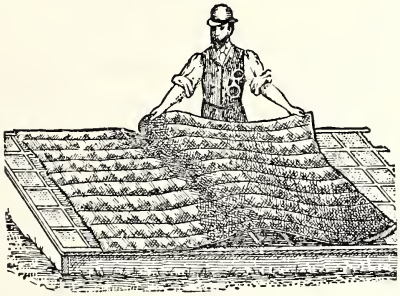
Depth 8 in.
Side Wheels 26 in.
Capacity 250 lbs.

Price No. 153.....$19.50
" No. 23.....24.00
Removable Leaf Rack..... 8.00

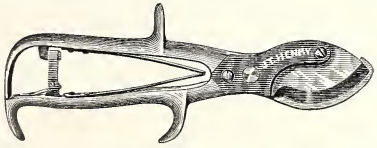
CUT FLOWER VASES FOR CEMETERY

Tin..... 20c and 25c

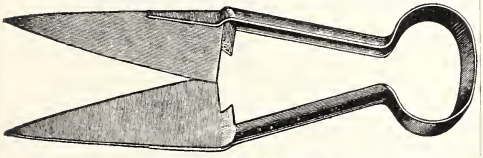
HOT BED MATS



Made of Jute, thickly padded. 76x76in. Price ea. $4.75
Improved Mole Trap,.....2.00
Pruning Shears, 7 in. light Steel..... 1.50



Pruning Shears, 8 in. steel.....$1.00
" " 8½ in. steel.....1.25
" " 8 in. Malleable, steel blades, 1.50
" " French..$1.25, $1.50, $2.25, $3.00
McKenney..... $4.00
Flower Picking Shears (nickled), $2.00
Grape Thinning Shears.....$1.25 and $1.75
Grass or Sheep Shears $1.00, $1.25, $1.50



True Vermonter Shears....$1.25, $1.50 and $2.25

PRUNING KNIVES.

English Stag Horn.....$2.25, $2.50
Cocobolo..... $1.50, $1.75

BUDDING KNIVES.

Ivory Handle.....$2.50, $2.75, $3.00 and $4.50

PRUNING SAWS

$1.50, $1.85, $2.50, $3.00 and $4.00

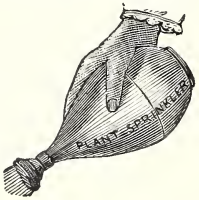
WATER'S TREE PRUNER

4 feet $2.00
6 " 2.50
8 " 2.75
10 " 2.95
12 " 3.00
12 " Extra Heavy..... 4.75
Extra Knives ..... .35
Orchard Pruner—plain $2.50 and $3.00
Orchard Pruning Hook and Saw 4.00
TREE SCRAPERS.....$1.25
" " Blades 50c

Sand Riddles for Sifting Soil

18 in. Galvanized either ¼ inch, ½ inch, ¾ inch or 1 inch, each $1.00. $1.25, $1.50 and $1.75.

RUBBER PLANT SPRINKLER

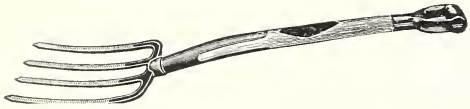


Medium size.....$1.00
Large size..... 1.25

MASTICA,—Used in place of Putty.
½ gallon can, $1.50; 1 gallon can.....$2.75
MASTICA MACHINE..... 3.50
PUTTY BULB—for glazing..... 1.75
TARRED MARLINE—for making straw mats, per lb..... .50
RAPHIA—for tying, per lb..... .40
WOOL TWINE—soft, for tying, per lb. ..... .25
SILKALINE—green, per spool..... .40
GREEN FLORIST'S TWINE—per ball..... .10
COARSE TWINE—Hemp, very strong, per ball.....25 and .35
FINE TWINE—hemp, per ball.....20 and .35
COTTON TWINE—per ball..... .10
GALVANIZED ANNEALED GREENHOUSE WIRE— per stone 12½lbs,.....1.50
MOSS (Sphagnum)—either dry or fresh—green, per bbl. Prices on application.
CORN KNIVES.....40c, and 60c
GRASS HOOKS—Common.....50c to 60c
" " English.....75c and 85c
TIN FOIL—Plain.....35c
" " Violet and Green.....75c

HAY FORKS
(Batcheller's)

No. 0, 3 Tine (boy's) bent handle 95c
No. 3, 3 Tine, 3½, 3¾, 4 ft., bent handles, $1.20
4½ and 5 ft. bent handles, $1.35



SPADING FORKS—"Batcheller's"

4 Tine Long Handle, Flat or Diamond Tine $1.75
4 Tine D Handle, Flat or Diamond Tine..... 1.75

MANURE FORKS, Batcheller's

4 Tine Long or D Handle.....$1.60
5 " " " " 1.80
6 " " " " 2.10

POTATO HOOKS, Batcheller's

5 Tine "Standard," $1.25
6 " " 1.35
Potato Digging Fork, long and D handle 2.25

Ensilage Fork, 8 tines $2.90
Barley Forks (with bail) 2.60
Coke Fork, 12 tines 3.00
Stone Picking Fork..... 2.25

HOES

Socket Field, 7½ and 8 in. blade	$1.10
Shank Field, 7½ and 8 inch blade	95c
Socket, Meadow, 8½ and 9 inch	1.20
Ladies' Hoe, 5 inch blade.....	95c
Humphrey (tooth hoe)	1.20
Warren Hoe.....	1.25 and 1.35
Mortar Hoe (shank)	1.50

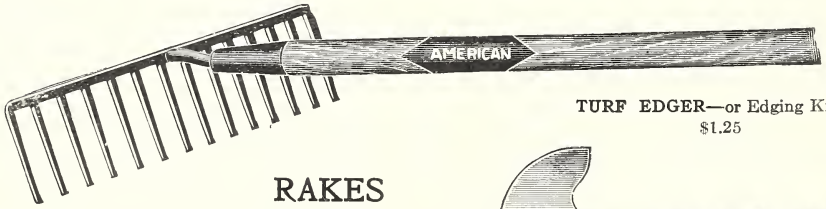
SCUFFLE HOE—Common, $1.35

SCUFFLE HOES—English

5 inch $1.00	7 inch $1.50	9 inch $1.75
6 inch $1.25	8 inch $1.65	10 inch $1.90

Handles, extra.....45c

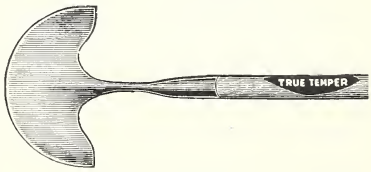
THISTLE AND DOCK CUTTER.....$1.80



TURF EDGER—or Edging Knife $1.25

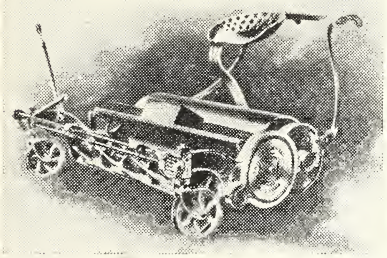
RAKES

Steel Garden	10 tooth	.....	$1.00
" "	12 "	.....	1.10
" "	14 "	.....	1.15
" "	16 "	.....	1.25
Steel Short Teeth	16 "	.....	1.45
Steel Heavy Road	16 "	.....	1.85



"PLANET Jr." NO. 2 EDGER.... $1.75

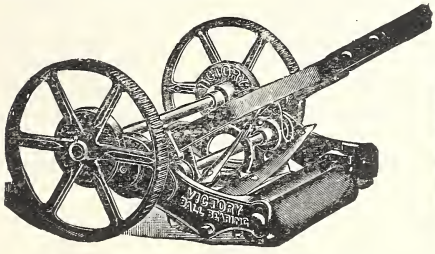
Coldwell's "Improved" Horse Lawn Mower



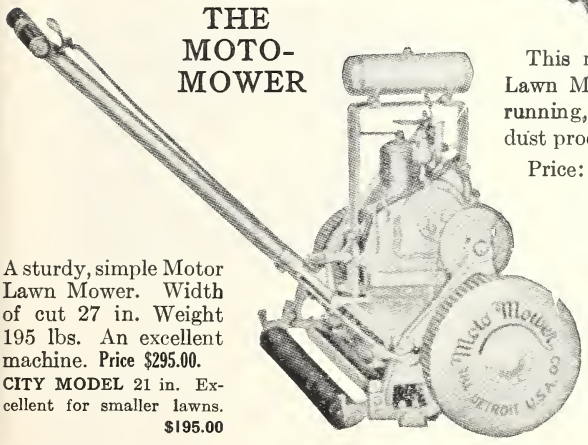
A Splendid Machine. It is provided with shafts, seat and side draft attachment. Price: 30 in., $160.00; 35 in., $185.00.

VICTORY BALL BEARING LAWN MOWER

Light, easy running, a beauty, 16 in., $22.00; 18 in., $24.00.



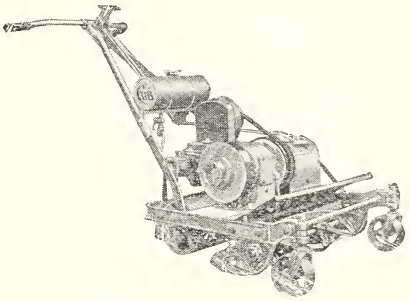
THE MOTO-MOWER



A sturdy, simple Motor Lawn Mower. Width of cut 27 in. Weight 195 lbs. An excellent machine. **Price $295.00.**

CITY MODEL 21 in. Excellent for smaller lawns. **$195.00**

COLDWELL MOTOR MOWER



TWIN L.—One of the best Motor Mowers made. 25-in. cut $335.00

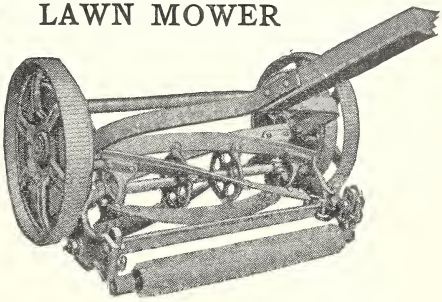
With two Gang Units, cutting 60 in. $395.00

Riding Sulky for Twin L, $25.00

MODEL M.—40 in. Cut. $1,500.00

CUB MOTOR MOWER.—21-in A wonder-little Mower for the money, $195.00

IMPERIAL ROLLER BEARING LAWN MOWER



This mower is not surpassed by any Lawn Mower in the market. It is easy running, durable, bearings enclosed in dust proof housings.

Price: 16 in., $21.00; 18 in., $22.00.

CRUSADER

A good 16 inch mower, $11.50

NOTE: THE PRICES OF POWER MOWERS ON THIS PAGE INCLUDE DELIVERY AND SETTING UP

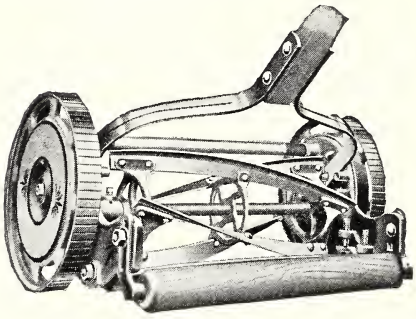
THE ELECTRIC LAWN MOWER

A high-class ball-bearing 4-Blade mower
$13.00

THE NEWPORT HIGH WHEEL MOWER

A medium-priced mower and a splendid machine.

16 inch, $12.00



THE SONNET LAWN MOWER

This B. Bearing mower is what might be called a bargain mower, it is worth much more than the price asked. 16 inch only, $9.25.

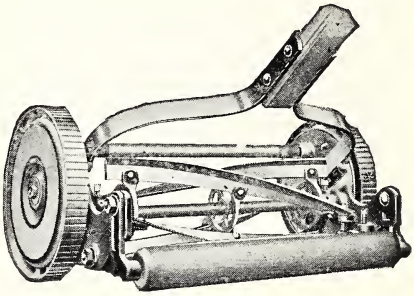
Easy Ball Bearing Lawn Mower,—A light Mower, especially adapted for Borders, 12 in., $23.00.

GRASS CATCHER for high wheel mowers, $2 00 each.

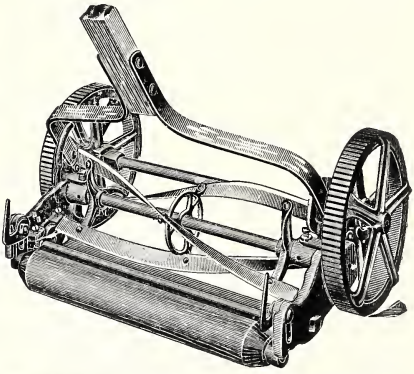
LITTLE SHAVER MOWER

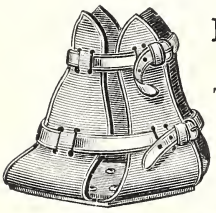
An excellent mower for the price, $8.00

THE JEWEL LAWN MOWER



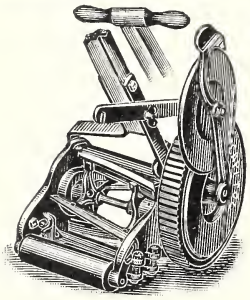
An excellent medium price lawn mower. 14 in., $10.00; 16 in., $11.00.





HORSE LAWN BOOTS

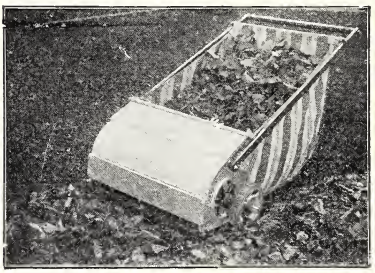
To prevent horse from marking the lawn.
Price per set of 4
$18.00



Capital Lawn Edger and Trimmer

For cutting grass borders and trimming edges of walks.

Price complete, $10.50



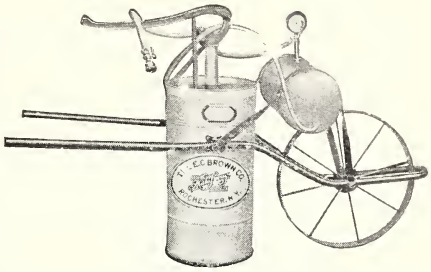
THE PENNSYLVANIA LAWN CLEANER

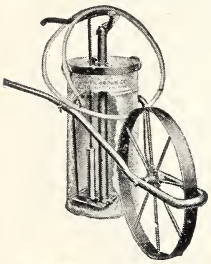
A revolving fan with metal teeth, takes up leaves, dead grass, stones, etc.

Price, 24 in.	$35.00
" 36 "	50.00

AUTO SPRAY, No. 3-F

For spraying Trees, Garden Truck, White Washing and Cold Water Spraying. Galvanized Tank capacity 12 gals. Price $32.50.





No.3-E--Same as above with brass tank $37.50

AUTO SPRAY NO. 30-D

For general spraying, such as Trees, Garden Crops and White Washing, etc. Price complete with 6ft. hose, 2ft. iron extension and auto spray nozzle, $16.

KNAPSACK SPRAYER NO. 5
With double acting pump complete, Price $8.00.

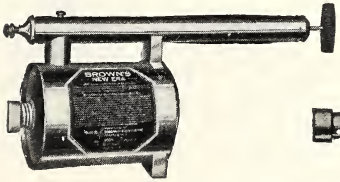
AUTO SPRAY NO. 9-B Simple, durable, easy to carry and operate. Capacity 4 gals. Price with Brass Tank and Auto Nozzle, $9.50.

NO. 9-D—Same as above, but with Galvanized Tank $6.50.

FLOWER BED GUARD

Made of heavy galv. wires, 16 in. high, 12 when set, Per lineal ft. 11c
" " " " " 22 " " 16 " " " " " 13c
Wire Trellis " " 18 " wide " " " 9c

NO. 50-D—Similar to No. 9-D, but smaller capacity, 2½ gals., galvanized tank, $5.50.



Auto Spray No. 23 A continuous sprayer. Capacity 1 gal. Especially good for spraying cattle.
Price, Brass Tank, $3.00.

BRASS EXTENSION PIPE 2 foot length, 60c

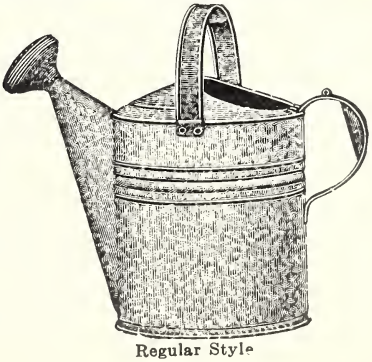
REGULAR STYLE WATERING POTS

Galvanized.

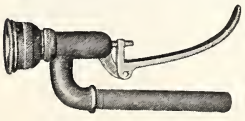
4 Quart 65c	8 Quart 90c	12 Quart $1.25-1.90
6 Quart 75c	10 Quart $1.10	16 Quart $1.50-2.25

PHILADELPHIA WATERING POTS

Made of very heavy galvanized iron, with brass joints, with two copper roses and extra long spout.
6 Quart, $5.50. 8 Quart, $6.00



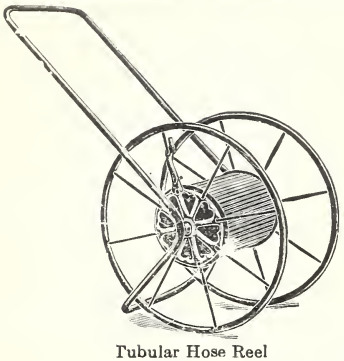
Regular Style



Auto Pop Nozzle

AUTO POP NOZZLE, $1.50. Complete with hose, $2.00.

BRASS STRAINER, for Auto Sprayer, $1.25.



Tubular Hose Reel

The "B&S" Hose Reel

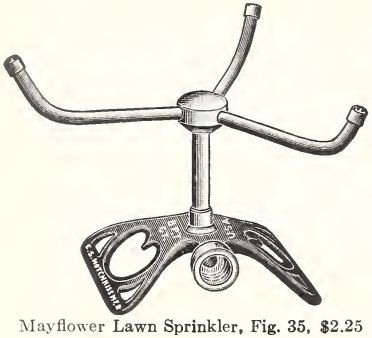
A very satisfactory reel. Price $3.25 and $3.75

Tubular Iron Hose Reel

Light weight, high wheels.
For 100 ft. Hose, $5.50. For 150 ft. Hose, $6.50.

RUBBER HOSE

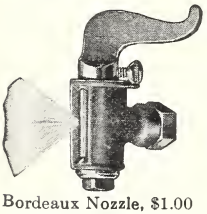
FFF MOLDED HOSE—A fine quality hose non-kinkable, very pliable, especially good for tree spraying and greenhouse use. ½ in. 20c ft., ¾ in. 22c ft. coupled.
HOWARD'S "Maxecon"—An excellent hose. ½ in.. 15c., ¾ in., 18c ft.
RIB CORD—½ in. hose, 50 ft. length, coupled $5 50
" " ¾ " " " " " 6.50



Mayflower Lawn Sprinkler, Fig. 35, $2.25

NEWPORT LAWN SPRINKLER.—Similar to Fig. 35 but with longer arms, higher standard and rose spray, $6.00
RAIN KING—A splendid lawn sprinkler, 3.50
RING SPRINKLER.—Very simple, Brass each .50, .75 and $1.25
HOSE COUPLINGS—Complete set, with clamp, .30
" Bands and Clamps, each, .05 and .08
" Menders "Cooper's," ¾ in., ½ in., each 10c, doz. 1.10
" Washers, per dozen, .10
" Pliers, .30
" End for connecting hose with faucet, .50
" Perfect Clinch Mender, each, .10
HOSE NOZZLE,—Throws spray or solid stream by turning thumb screw. $1.25
MISTRY NOZZLE,—for ¼ in. pipe, $2.00; for Hose, $2.25
MISTRY JR. NOZZLE,—for ¼ in. pipe, $1.25, for Hose, $1.50
COUPLING to connect Hose with ¼ in. extension pipe. .30
VERMOREL SPRAY NOZZLE,— 50c and $1.75
ROSE SPRAY NOZZLE,— .75
Flaring Brass Spray

Boston Hose Nozzle 75c



Bordeaux Nozzle, $1.00

BRASS PLANT SYRINGES.

No. 101—1"x12" Rose and Jet	$5.00
No. 102—1¼"x16" Rose and Jet	6.00
No. 103—1½"x16" " " "	7.00

MANILA PAPER

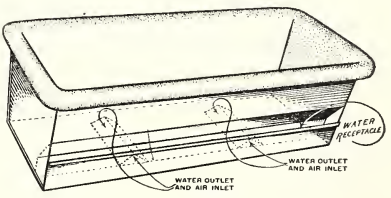
Sizes 18 in. x 24 in.	market price.
" 24 " x 36 "	
" 36 " x 48 "	

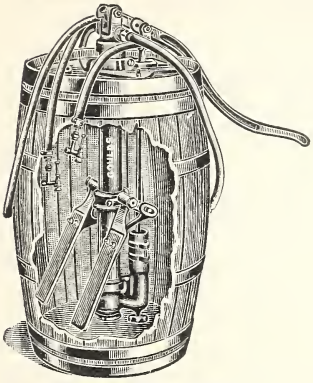
WHITE WAX PAPER—For flowers—ream..... $4.50.
WHITE TISSUE PAPER—For " " ..... 2.50 and 5.00.
GREEN TISSUE PAPER—For " " ..... 2.50.

WINDOW FLOWER BOXES
(Success)

Made of Galvanized Metal and painted Green.
For veranda or inside use.

24 in.	$1.50
30 "	2.00
36 "	2.75
48 "	4.00





Pomona Spray Pump

POMONA SPRAY PUMP

One of the Best Pumps for orchard use, very powerful, all working parts solid bronze.

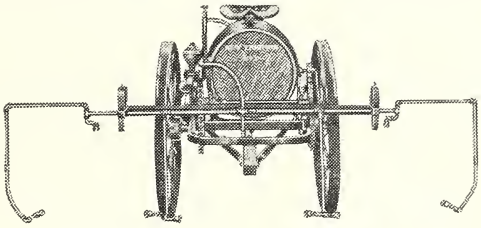
Price with Agitator and barrel fastenings (without barrel or hose), $23.00.

Pump with 15 ft. hose, "Mistry" nozzle and Agitator, without barrel, $28.50. Fitted to barrel, $38.50.

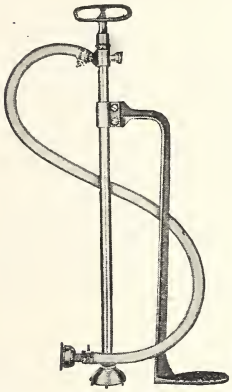
Price with two leads of hose, with nozzles and Agitator, without barrel, $34.00. Fitted to barrel, $44.00.

Gould's Cart for mounting barrel sprayers, without barrel, $22.50.

New Triumph Special Traction Sprayer



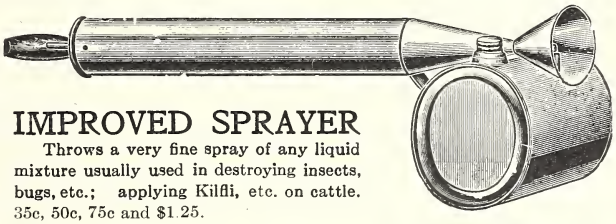
3-Row, 3 nozzles to each row, $150.00



The Auto Bucket Spray Pump No. 6

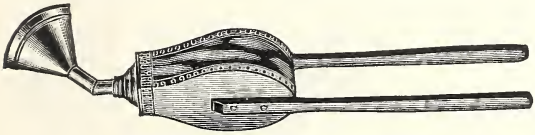
A VERY SERVICEABLE DOUBLE ACTING HAND FORCE PUMP

$4.50



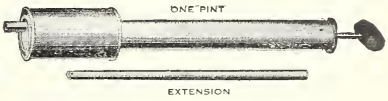
IMPROVED SPRAYER

Throws a very fine spray of any liquid mixture usually used in destroying insects, bugs, etc.; applying Kilfli, etc. on cattle. 35c, 50c, 75c and $1.25.



BELLOWS OR GUN

For applying dry, Paris Green, Hellebore Tobacco Dust, Sulphur, etc., $1.75



DUSTER BROWN, Hand Duster No. 2,—Very practical duster of new design, price $1.00.

DUSTER "Cyanogas"—No. 1 special hand duster. $1.50.

INSECT POWDER GUN.—Small, 15c.

B D SIFTER

For using Bug Death and other Insecticides dry. Price, 85c.

TORCHES, made of Asbestos, 50c

DICKEY BUG DEATH SIFTER 50c.

AMERICAN BEAUTY KNAPSACK DUSTER

Bellows Type, $25.00

NIAGARA DUSTER

Crank Type, $22.00

INSECTICIDES

APHINE,—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. Quart $1.00; Gallon $3.50.

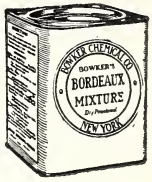
ARSENATE OF LEAD,—Powdered. Per ½ lb. 20c, 1 lb. 35c. 4 lbs. $1.00.

BEDBUG POWDER—Per pkg., 35c.

"BLACK LEAF 40"—A strong, nicotine preparation, for destroying aphis, thrip, etc., 1 oz. 35c; ½ lb. can, $1.25; 2lb. can, $3.25; 10 lb. can, $11.85.

BLUE VITRIOL,—Blue Stone Copper Sulphate, (Crystals), per lb., 14c. Special price in quantity.

BORDEAUX MIXTURE—Powder. 1 lb. 35c; 5 lbs. $1.50.



BUG DEATH.—An insecticide for destroying Potato, Squash and Cucumber Bugs, Currant Worms, etc. Price 1 lb. pkg., 20c, 3 lb. pkg. 50c, 5 lb. pkg. 75c, 12½ lb. pkg. $1.50; 100 lb. keg, $9.25.

CALCIUM CYANIDE, "CYANOGAS",—For fumigating greenhouses, killing woodchucks, etc., 1-lb. can, 75c; 5-lb. can $3.00; 25-lb. can $10.00.

CARBOLA—A disinfecting, germ-killing white paint, used instead of whitewash. 5 lb. pkg., 75c; 10 lb. pkg., $1.25. 50 lb. $4.50.

CHLORIDE LIME.—A valuable disinfectant. Price 1 lb. box, 15c.

COPPER SOLUTION.—To prevent blight, rot and mildew, qt. $1.50. Gal. $4.00.

CROW REPELLANT, (Stanley's).—Protects corn from crows, squirrels and rats; will not clog planter. One can for one bushel corn, $1.00. Large Can $1.50.

CUT WORM KILLER,—To use around plants, 1 lb. 45c.

CYANIDE OF SODIUM.—In one ounce balls. Per lb. can, $2.00

DUST-VOID,—A sanitary compound for use in sweeping floors, 25 lbs. $1.50, 50 lbs. $3.00, 100 lbs. $5.00.

FLIT—For roaches, bed-bugs, flies, etc.; for moths in clothes presses and in clothing, absolutely harmless but very effective. Pint can 75c, qt. $1.25, gal. can $4.00.

FLY-A-WAY—A reliable preparation to protect animals from flies. Per gal. $1.50.

FLYOSAN—For roaches, bed-bugs, flies, etc.; for moths in clothes presses and in clothing, absolutely harmless but very effective.

Pint can 75c; qt. $1.25
Gal. can $4.00.

KILFLI (So-bos-so).—An excellent preparation to protect animals from flies. Price per qt., 70c, per gal. can, $1.50.

FUNGINE.—A remedy for mildew, rust and other fungus diseases, qt. $1.25, gal. $3.50.

GRAPE DUST—For the prevention of mildew 5lb. pkg. $1.00

GREYLAWN FLY SPRAY,—To protect animals from flies—excellent, $1.75

HELLEBORE—For currant worms and rose slugs. Price ½lb. box 30c; 1 lb. box, 50c.

KAYSO—A combination spreader and adhesive for use with spray materials, per pkg. 50c.

KEROSENE EMULSION—For scale and all sucking insects. Gal., $1.50.

SPRAY CALENDAR

As used by many successful growers.

We carry a complete line of Insecticides and Fungicides necessary for the control of Plant Pests found in this locality. See pages 47, 48, 49.

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
APPLES	1st Spraying Early spring just as the buds are breaking	Scalecide 3⅓ gal. or other miscible oil.	Scale, aphis, bud moth, and certain fungous diseases
	2nd Spraying Just before the blossoms open	Lime Sulphur, 1 gal.; 40% nicotine sulphate (Black Leaf 40) ⅜ pt.; arsenate of lead powder 1½ to 3 lbs.	Budmoth, tent caterpillar, browntail moth, curculio, aphis, red bug, and scab
	3rd Spraying Immediately after the petals fall	Same as second spraying	Codling moth, curculio, apple scab, red bug, gypsy moth and aphis
	4th Spraying 2 weeks after the petals fall	Same as third spraying except nicotine may be omitted if aphis are not present	Curculio, codling moth, scab, leaf-eating insects
	5th Spraying 4 weeks after the petals fall	Same as 4th spraying	Curculio, codling moth, scab, apple maggot and leaf-eating insects.
PLUMS NOTE NO. 1 Dry mix sulphur-lime is 8 lbs. sulphur, 4 lbs. hydrated lime, 8 oz. calcium caseinate (Kayso.) Mix thoroughly while dry and sift into 50 gal. water, stirring vigorously.	1st Spraying Before the buds swell	Scalecide 3⅓ gal. or other miscible oil.	Black knot, brown rot and San José scale
	2nd Spraying Immediately after the petals fall	Dry mix sulphur-lime and 1½ lbs. arsenate lead powder. See Note No. 1.	Brown rot, curculio, and fungous diseases
	3rd Spraying When fruit is the size of small green peas	Same as 2nd spraying	Curculio, brown rot and fungous diseases
	4th Spraying 3 weeks after 3rd spraying	Dry mix sulphur-lime only. See Note No. 1	Note:—To get best results in rot control from spraying, thin green fruits in June so that they do not touch.
CHERRIES	1st Spraying Before the buds swell	Scalecide 3⅓ gal. or other miscible oil.	For scale insects and fungous diseases
	2nd Spraying Immediately after the petals fall	Dry mix sulphur-lime (see Note No. 1) and 1½ lbs. arsenate of lead powder.	For brown rot, leaf spot, curculio, leaf chewers and fungous diseases
	3rd Spraying When the fruit is the size of small pea	Same as 2nd Spraying	Same as 2nd spraying
	4th Spraying After the fruit is picked	Dry mix sulphur-lime only. See Note No. 1	For leaf spot

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
GRAPES Note.—Destroy all diseased parts, including leaves, fruit, and canes and trash around the vineyard	1st Spraying Just before the blossoms open	Pyrox 11 lbs. or Bordeaux Mixture (4-4-50)	Mildew, Black rot, and anthracnose
	2nd Spraying Shortly after the blossoming period	Pyrox 11 lbs. or Bordeaux Mixture (4-4-50) Note:—Pyrox is a scientific mixture of Bordeaux and calcium and lead arsenates.	Same as 1st Note: — Where grape leaf hopper is present combine nicotine Sulphate ¼ pt. to 50 gal. water with the Pyrox or Bordeaux Mixture
	3rd Spraying 2 weeks later	Same as 2nd	Same as 2nd
PEARS	1st Spraying In fall after leaves are off	Scalecide 3⅓ gal. or other miscible oil.	For pear psylla adults and San José scale
	2nd Spraying As the cluster buds separate and before the blossoms open	Commercial lime-sulphur 1 part to 9 parts of water	For San José scale and pear psylla eggs.
	3rd Spraying Directly after petals fall	Commercial lime-sulphur, 5 qts. plus 1½ lbs. of arsenate of lead powder	For fungous diseases, codling moth, curculio, canker worms, tent caterpillars and leaf chewers generally
	4th Spraying Seven days after the blossoms fall	Commercial lime-sulphur, 2 qts. plus 1½ lbs. of arsenate of lead powder.	For brown blotch, black spot and other fungous diseases, curculio and leaf chewers generally. For leaf hoppers use 40% nicotine sulphate ¾ pt to 50 gal. water
	5th Spraying Seventeen days after the blossoms fall	Same as 4th spraying	Same as 4th
	6th Spraying 4 to 5 weeks after the blossoms fall	Same as 4th spraying	For codlingmoth, brown, blotch, black spot, and leaf chewers generally
	7th Spraying 10 to 11 weeks after blossoms fall	Same as 4th spraying	Same as 6th
POTATOES	1st Spraying When plants are 6 in. high	Pyrox 11 lbs. or Bordeaux (5-5-50) plus 2 to 3 lbs. arsenate of lead powder Note:—Pyrox is a scientific mixture of Bordeaux and calcium and lead arsenates.	for early blight, late blight, potato beetle and flea beetle. Note:—Bordeaux Mixture or Pyrox have proved to be the best fungicides for potatoes as they effectively control blights and have a stimulating effect on the vines
	2nd Spray 2 wks. after the first	Same as 1st	Same as 1st
	Subsequent sprays	Keep plants well covered; in wet seasons as often as 10 to 14 days use Pyrox 11 lbs. or 5-5-50 Bordeaux with arsenate of lead powder 2 to 3 lbs.	

INSECTICIDES (Continued)

LEMON OIL—For palms and other ornamental foliage plants, quart, $1.25, gal., $3.25.

LIME-SULPHUR (Commercial)—For San Jose Scale and fungus. 1 gal. makes 10 to 40 gals. Prices, 1 qt. can, 50c; gal. cans, $1.10; 5 gals., $4.25. Barrel of 50 gal., $15.00.

LOTOL—A contact insecticide jelly for Aphis and Plant Lice, "No fuss—no muss," a teaspoonful makes a gallon. 1 oz. tube 45c; 3 oz. tube 90c.

MELROSINE—A liquid insecticide; certain death to Rose Bugs. pt. $1.00; qt. $1.75.

NICO-FUME—Tobacco Paper for fumigating. Per can, $1.25 $5.50 and $10.00.

NICO-FUME LIQUID—For fumigating and spraying. Lb. can, $2.00. 8 lb. can, $13.00.

NIKOTEEN—The large bottle represents the extracted product of 150 lbs. tobacco. Price, 1 oz. bottle, 25c; 2 oz. bottle, 40c.; large bottle, $2.50.

PARIS GREEN.—Absolutely Pure.—¼ lb. pkg., 20c; ½ lb. pkg., 35c; 1 lb. pkg., 60c.

PLANT LICE KILLER,—For killing aphis on fruit trees, potatoes, garden truck and house plants. Quart, 50c; gal., $1.75.

Potash or Lye—Per box, 15c.

Pyrox

PYROX.—A spray for all leaf-eating insects, also a preventative of fungus diseases. Lb., 50c; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $6.25; 50 lbs., $10.75; 100 lbs., $15.50.

Rat Annihilator,—Kills and consumes the body of the rat. Pkg 25c.

Roach Killer.—Pkg. 25c.

SCALECIDE THE COMPLETE DORMANT SPRAY

The complete dormant spray, miscible oil, especially good for San Jose Scale. Qt. 75c; 1 gal. $1.75, 5 gals. $6.25, 15 gals. $11.50, 50 gal. bbl. $38.00.

Semesan,—For controlling disease in the soil and on the seed such as smut on grains. Price, $1.00, $1.60, $2.75.

Semesan Jr.—For corn. 4 oz. can for 2 bu. corn 50c.

Semesan Bel.—Potatoes and tubers. 1 lb. can for 20 bu. potatoes $1.75.

Shade-O—Better than white wash for shading green-house glass. per pkg., $1.25.

Sheep Dip.—Cooper's—In powder form pkg. makes 100 gallons. Price 60c.

Slug Shot—Hammond's.—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 5 lb. pkg., 65c; 1 lb., 20c.

Sulfocide—For fungus diseases, gal., $2.25.

Sulphate of Iron, per bbl. of 400 lbs., $14.00, per lb. 5c.

Sylpho-Nathol—formerly Sulpho-Napthol.—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 35c; medium bottle, 65c; large bottle, $1.00; one gallon can, $3.00; five gallon can, $12.50; ten gallon can, $20.00.

Sulphur—The finest ground. For the prevention and cure of Mildew on grapevines, roses, etc. Price per lb., 12c; 100 lbs., $9.00.

Sulphur Candles—For fumigating. 10c each.

SUNOCO–Miscible oil dormant spray. Gal. $1.25; 5 gals. $5.00; 15 gals. $10.50; 50 gals. $25.

Lamp for Fumigating.—Complete with stand, $1.75.

Sulphuric Acid.—Per bottle, 85c.

Thrip Juice.—For sucking insects, gal., $3.25.

Tobacco Dust.—A very fine dry powdered tobacco,. Price per lb., 15c.

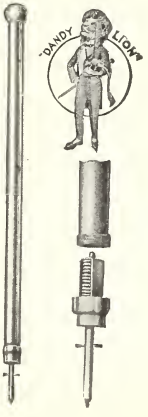
TREE TANGLEFOOT.—A sticky substance applied directly to the bark to protect trees against climbing insects. 3 lb. can, $1.45; 20 lb. can, $8.75.

VOLCK—For scale, mealy bug, white flies, red spider, etc. Pint, 75c; qt., $1.00; gal., $3.00; 5 gals., $11.50.

WEED KILLER, DOLGE'S—For killing weeds in drives, walks, tennis courts, gutters. etc., highly concentrated. 1 qt. 60c; 1 gal. can, $1.75; 5 gal. can, $8.50; 10 gal. can, $15.00; bbl. of 55 gal., $57.75.

WHALE OIL or FISH OIL SOAP.—Per lb., 30c.

WILSON'S O. K. PLANT SPRAY—A powerful, harmless and efficient insecticide. 1 gal. $3.25.



"DANDYLION" WEED KILLER

For killing dandelions and other weeds in lawn with weed killing liquid. Price $1.00.

ROUND OR HEXAGON LAND TILE—(12 Inches long)

The sizes named are inside measurements.

3 inch	per 1000 pieces,	Weights 5,000 Lbs.	Prices on Application
4 "	" " "	" 7,000 Lbs.	
6 "	" " "	" 11,000 Lbs.	
8 "	" " "	" 17,000 Lbs.	

LIST PRICES on STANDARD AKRON SEWER PIPE

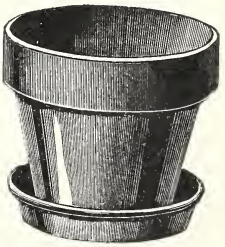
We carry a heavy stock of this on hand.

Inside Diameter	Weight per Foot	List Price per Foot	Elbows and Curves Each	Branches Single 2 Feet Long with Inlets up to and including 12 Inches Each
4 ins.	9 lbs.,	$.30	$1.20	$1.20
6	15	.45	1.80	1.80
8	23	.70	2.80	2.80
10	35	1.05	4.20	4.20
12	45	1.35	5.40	5.40
15	60	1.80	7.20	7.20
18	85	2.50	10.00	10.00
20	100	3.00	12.00	12.00
24	140	4.50	18.00	18.00

DISCOUNT ON APPLICATION

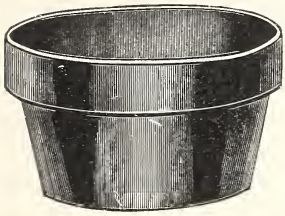
STANDARD FLOWER POTS AND SAUCERS

Size	Wt. per M Pots	Pots Per 100	Pots Each	Saucers Per 100
1¾ inch,	100 lb.	$ 1.15	.....	.....
2 "	150 "	1.25	.....	.....
2½ "	300 "	1.50	$ .02	.....
3 "	400 "	2.00	.03	.....
3½ "	600 "	2.40	.....	.....
4 "	750 "	3.00	.04	$ 2.50
4½ "	1000 "	4.10	.05	.....
5 "	1300 "	5.40	.07	3.50
5½ "	1600 "	6.75	.....	.....
6 "	1950 "	8.10	.09	5.00
6½ "	2500 "	10.80	.....	.....
7 "	3350 "	13.50	.15	6.00
8 "	4400 "	19.50	.20	8.50
9 "	6600 "	30.00	.35	12.00
10 "	8700 "	40.50	.50	14.00
11 "	11250 "	60.00	.65	17.00
12 "	14500 "	82.50	.95	21.00
13 "		105.00	1.20	.30 each
14 "		135.00	1.50	.40 "
15 "		210.00	2.50	.50 "
16 "		300.00	3.50	.65 "
18 "		450.00	5.00	.85 "



We are prepared to give you the right figures on first-class Earthen Ware, on application.

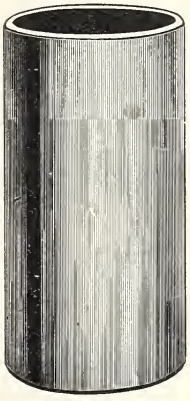
SEED OR BULB PANS



	Per 100
5 inch Round,	$5.40
6 " "	8.10
7 " "	13.50
8 " "	19.50
9 " "	30.00
10 " "	40.50
12 " "	82.50
14 " "	135.00

16 inch each,	$3.75
18 " "	4.75
20 " "	6.50
22 " "	9.50
24 " "	12.50

FIRE CLAY FLUE LINING



2 FOOT LENGTHS *Sizes most used

Outside Measure.	Weight.	List Price per ft.
4½x8½ in.	11 lbs.	$ .45
4½x13 "	18 "	.60
7½x7½ "	14 "	.45
*8½x8½ "	18 "	.60
*8½x13 "	27 "	.90
8½x18 "	36 "	1.35
*13x13 "	35 "	1.15
13x18 "	45 "	1.75
18x18 "	70 "	2.25
20x20 "	103 "	3.25
20x24 "	115 "	3.75
24x24 "	129 "	4.25

TRAPS

BELL CESSPOOL—9 in. x 9 in., $1.75

CLEAN-OUT DOORS

No. 0—7 in. x 9 in. Price $1.10
No. 2—8 " " 10 " " $1.25

OAK KEGS

5 gal.—10 gal.—20 gal.—30 gal—50 gal. Prices on application.

FIBRE WARE—FLORISTS' VASES

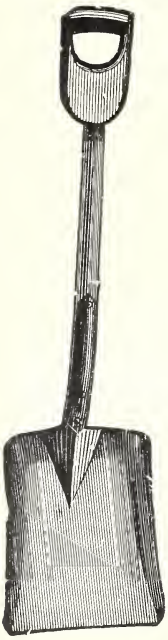
No. 0.	8¾x13,	$1.75
No. 1.	6x10,	1.50
No. 2.	4¾x8¾	1.25
No. 4.	3¼x4½,	1.00
No. 11.	6¾x18,	1.75
No. 22.	4½x15,	1.65

CROCKS OR STONE JARS

For Butter, Meat, Pickles, etc.
Large Stock in the following sizes:
1 gal., 2-3-4-5-6-8-10-12-15-20-25 and 30 gal.
Prices on Application

STONEWARE JUGS

1 gal., 25c 3 gal., 75c
2 gal., 50c 5 gal., $1.25



SHOVELS

	Long Handle Round	D Handle Round	Long Handle Square	D Handle Square
Subject to change in market.				
Ames,	$2.00	$2.00	$2.00	$2.00
Blair,	1.75	1.75	1.75	1.75
Lee,	1.75	1.75	1.75	1.75
Massachusetts,	1.50	1.50	1.50	1.50

STEEL SCOOPS

	Polished	Plain
SANDERSON'S No. 4,		2.00
" No. 5,		2.10
" No. 6,		2.20
" No. 7,		2.40

CONNEAUT,—Popular with the Coal Men. No. 5, $.200; No. 6, $2.15; No. 7, $2.25

Steel Furnace Scoop, $.75 and $1.00 . Wire Potato Scoop, $3.50

PICKS—Adze Eye Railroad $1.00
Contractors, $1.35

SPADES

	D Handle	Long Handle
Ames,	$2.00	$2.00
Lee,	1.75	1.75
Massachusetts,	1.50	1.50

HANDLES

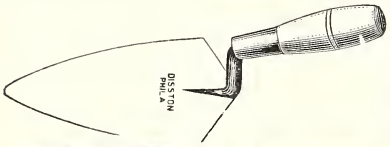
Sledge.....40c, 50c and 60c
Hammer.....20c and 25c
Hatchet.....25c and 50c
Pat Cross Cut Saw, per pr., 60c, 75c, $1.50.
Ice Hook..90c, $1.00, 1.20 and 1.50
Axe—See Axes
Pick.....65 and .75
Long or D Shovel.... .60 and .75
Manure Fork.....40c and 60c
D. Spading Fork.....60c
Long Spading Fork.....60c
Hay Fork.....35c, 40c and 45c
Hoe and Rake..... .40 and .50
Long Snow Shovel 30c
Ferrules—Assorted.....15c each

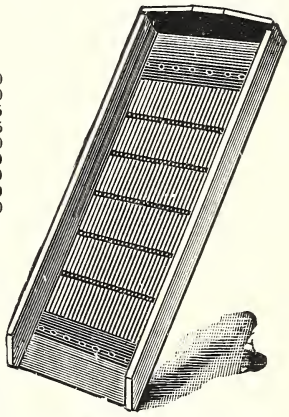
BRICK TROWELS

Disston's .... $2.00, 2.50 and 3.00
Pointing 4½ inch.....60
" 5 inch.....65
MASON'S Hawks 2.85
" Floats or "Darbies"2.50
" Cork Floats..... 2.00
Tape Lines 50 ft.....75 to 5.00
" 75 ft.....1.00 to 6.00
" 100 ft..... 1.50 to 9.00

PLASTERING TROWELS.

Disston's 10½ inch $1.50
" 11 inch 3.25
" 11½ inch 3.50





Mason's Sand Screens.
Medium.....$7.00
Large.....8.00
Gravel Screen 14.00

PADLOCKS

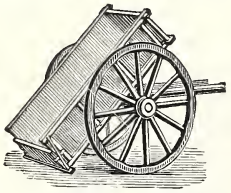
25c to $2.50. Special Milk Can Locks, $1.00, 1.25 and 1.50

Mortar Hods Steel $2.25
Brick Hods Steel 1.75

Wall Ties $3.00 per M
(flat galv.)

CART HARNESS

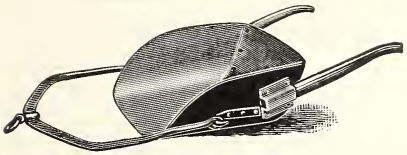
NEW ENGLAND PATTERN
(collar not included).
Prices on application.



TWO WHEEL DUMP OR FARM CARTS

Dimensions of Body
Medium, 3′ front, 3′ 1″ rear, 17¾″ deep

Axle	Tires	List Prices
1⅝″ steel	3″	$83.00
	With 4″ tire,	$90.00



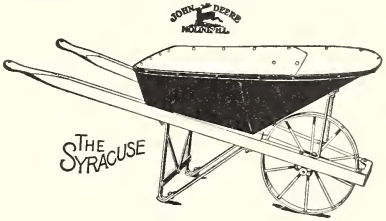
SOLID STEEL SCRAPER

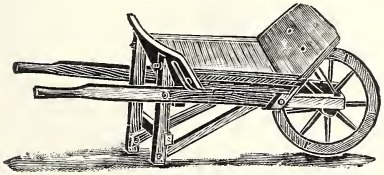
No. 0	Extra Large, Two Horse,	Capacity	9	Cubic feet	with	Runners,	- - - -	$19.00
No. 1	Large	"	"	7	"	"	"	" - - - -	12.00
No. 2	Medium	"	"	5	"	"	"	" - - - -	11.00
No. 3	One-horse		"	3	"	"	"	" - - - -	10.00

NO. C3½ STEEL TRAY WHEELBARROW

No. C3½—A perfect end dump contractor's barrow, capacity 5½ cubic feet, - - $ 9.00
No. 18 Steel Tray Barrow - - - 8.00
Tray for 75-A and C3½ Barrow - 4.50
All Steel Wheelbarrow, No. B4 - - 12.00
No. 10 All Steel Extra Large Coal Barrow 15.00

Special prices on quantities





BOLTED RAILROAD OR CANAL BARROW

patent steel wheel - - - - $5.50

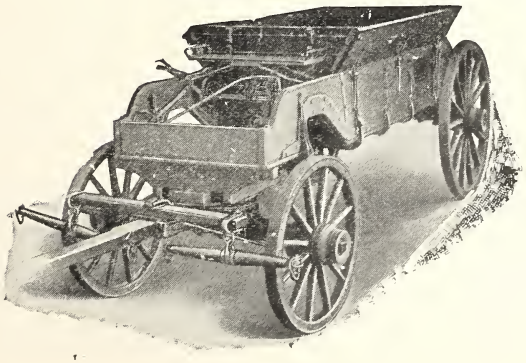
MEASURING RODS

6 ft. long with Brass tips, graduated to ⅛ inch, $1.50
8 ft. long " Metal " " " ¼ " 1.75
10 ft. long " " " " " ⅛ " 1.75
10 ft. long " " " " " tenths 2.00

BOLTS, NUTS WASHERS AND NAILS

A Large Assortment for General Use

BOTTOM DUMPING WAGON



This is probably the best bottom dump wagon made—it is short coupled, convenient, strong and durable.

1½ yard capacity, 3 inch Tire, Bottom lined, Flaring Side-boards. $257.00

PORTLAND, ATLAS OR GIANT CEMENT

We are in a position to furnish **Portland Cement** in any quantities from a pound to any number of carloads, our facilities for supplying on large contracts being especially good. We will figure on board cars, at our storehouse, or delivered on the job as desired. Prices on application.

KEENE CEMENT—For fine plastering and tile work, per bag $2.50.

LUMNITE (Atlas) **CEMENT**—Develops in 24 hours a greater strength than Portland Cement at 28 days. Excellent where speed and strength are essential. Per bag $2.50. Special prices in quantities.

LIME

Farnam Cheshire Lime, in the following brands:

Black Label Lump. For Brick and Stone Work.
Finishing Lime. (Hand picked) for Finishing Coat work.
Red Label Lump. Selected Lumps for whitewashing.

WALL PLASTER

PEERLESS NEAT. To be used with sand, a **splendid Plaster,** works easily under the trowel, dries quickly, economical and is very much liked by the masons and builders. Prices on application.

PEERLESS WOOD FIBRE. Ready to use. Works nicely under trowel, makes excellent wall. Prices on application.

HYDRATED LIME. "Tiger Brand."" White Rock Finish." We recommend this always for finish work. For plastering and Finishing Coat work. Per 50 lb. bag, 75c; per ton, $26.00.

MASONS CALCINED PLASTER (Plaster of Paris), Higginson's probably the best; per bbl. $5.75, per 80 lb. bag, $1.80.

HAIR FOR PLASTERING. Extra long goat, per bushel sack $1.00.

MORTAR RED. Dry lb. 5c; 100 lbs. $3.00; bbl. $10.50.

ATLAS WHITE PORTLAND CEMENT a pure white Portland cement, per bag $2.50. Special price in quantities.

PLASTER BOARD "PEERLESS", a very strong plaster board, 32 in. x 36 in. Price per board 30c. Special price on large quantities.

CONCRETE HARDENER,—(Master Builders.) For waterproofing and surface hardening of concrete, per bag of 50 lbs. 15c per lb.

SUPER-MIX—Waterproofer, Hardener, Accelerator and Anti-Freeze for concrete, cement, mortar and stucco. 1 qt. to bag cement. 5 gallon can @ $2.25 per gallon. 30 gallon bbl. @ $2.00 per gallon.

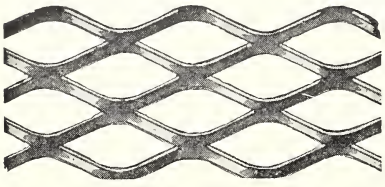
Concrete Hardener (Lapidolith.) A liquid hardener and waterproofer, to mop on. Price 1 gal. can $4.50; 5 gal. pkg. $17.50.

MEDUSA WATERPROOF COMPOUND, per bag, 40 lbs., 15c lb. Special price in quantities.

MEDUSA WATERPROOF PASTE, One gallon to one bbl. cement, dissolve in the water, 1 gal. can $1.15, 5 gal. can, $5.50

CAL.—Concrete hardener, waterproofer, and anti-freeze, 100 lb. bag, $5.00. Ton, $80.00.

METAL LATH



24 Gauge, 2 ft. x 8 ft. in bundles of 9 sheets (each sheet contains 17/9 sq. yards.) or 16 sq. yds. per bundle. Prices on application.

GALVANIZED STUCCO REINFORCING WIRE, 36 in. wide, 150 ft. rolls.

Prices on application

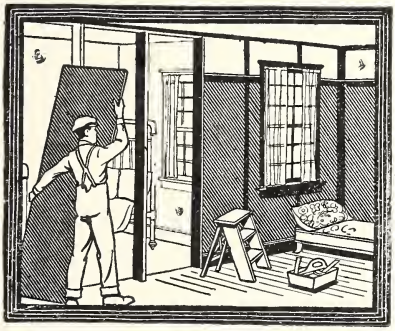
Safekote
more than waterproof
Roofing

SAFEKOTE ROOFING.— A splendid roofing, it will certainly please you, the price is extremely low considering the quality.

Med. per roll 108 sq ft., 50 lb., includ. cement & nails, $3.00
Heavy " " " " " 60 " " " " 3.50

DOMINO LIGHT ROOFING.—A good low priced roofing per roll of 108 sq. ft., $2.00.

WALL BOARDS



WALL BOARDS. Black Rock — For walls and ceilings, Cream White, 48 inches wide, per sq. ft., 4½c. 500 ft. or more 4¼c.

BLACK WATERPROOF BUILDING PAPER. —Very much superior to the ordinary building paper. Rolls of 250 sq. ft. $2.25 Rolls of 500 sq. ft. $3.75.

ASPHALT "FELT". Better than tarred paper
Large 4 sq. Rolls, $3.50.
Small 2 sq. Rolls, $1.75.

SAFECOAT ROOFCOATING, No. 121—An asphalt high grade roof coating, to be applied with brush, per gal. can $1.25.

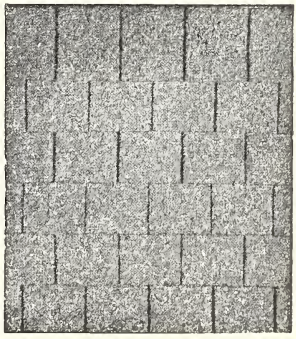
SAFECOAT ROOFING CEMENT, No. 125.—An asbestos high grade fiber cement to apply with trowel, 10 lb. can $1.25.

ROOF COATING—For tarred ready roofing, per gal. can $2.00.

CARBOSOTA.—A wood preservative. per gal. $1.35.

ASPHALT SHINGLES

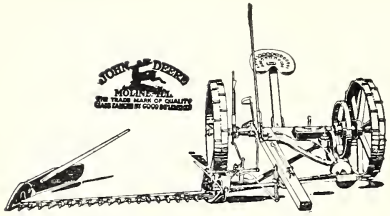
Fire resisting, lighter than Slate, as cheap as Wood Shingles and will last very much longer. Some cities in Massachusetts forbid the use of wood shingles, a lower rate insurance is charged in some places where asphalt shingles are used. Prices on either the Strip or Individual shingles on application.



ROLL ROOFING.—For valleys to match the shingles. It also makes an excellent roof. Per roll, $3.75.

ROOFING CEMENT "MATEX".—In 25 lb. pails $3.75.

ROOFING CEMENT "RUTLAND" Black.—25c, 45c, 65c and $1.00 per can.



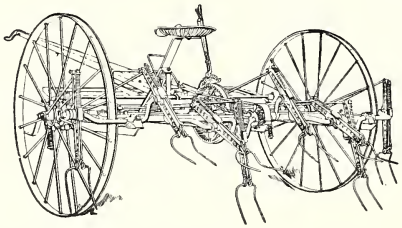
THE DEERE MOWING MACHINE

This Mowing Machine while comparatively new in this section is proving a most excellent machine.

5 ft. cut - - $90.00

MOWING MACHINES:—One Horse, $80.00

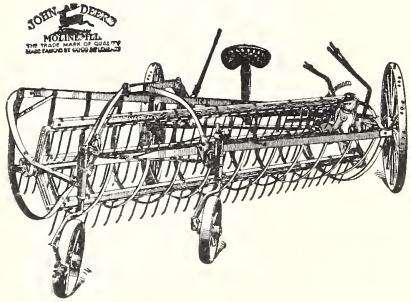
STEEL HAY TEDDER



Built of Steel throughout, has six forks, is strong and durable, adjustable for one or two horses.

PRICE, - - - - - - - - - $80.00

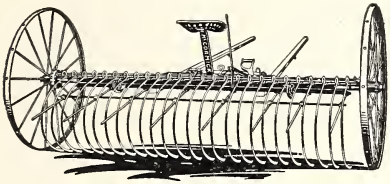
The Side Delivery Rake and Tedder Combined.



This can be used in connection with the Hay Loader or in an entirely separate manner. It is however more often used with the Hay Loader and in this way hay can be raked, loaded and transferred from the field to the barn very rapidly.

Price, - - - $135.00

DRAG RAKE.—For Raking after load. Price, - - - - $2.00



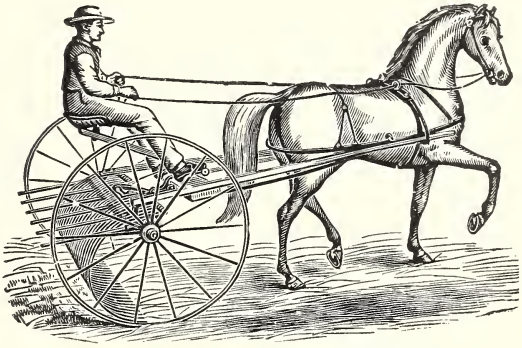
STEEL HAY RAKE

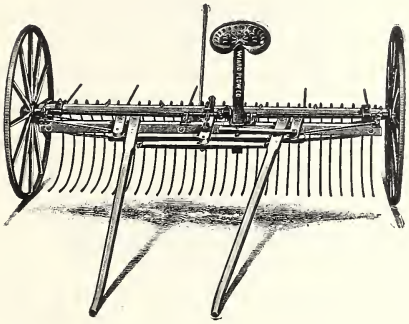
An excellent Self-Dump Steel Rake 8 feet wide—easily operated, strong and durable. Has 24 teeth, also guard teeth. Price $46.00

THE YANKEE HORSE RAKE

A very well known and thoroughly reliable rake, very easy to operate. Very much liked in the Berkshire Hills. 8 feet wide.

Price $49.00





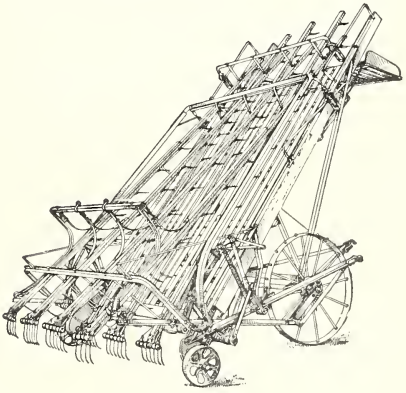
EMPEROR HORSE HAY RAKE

A most excellent rake, 8 ft. wide, has 28 teeth. Price $46.00

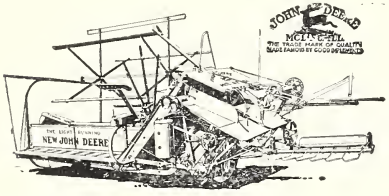
HAY LOADER

This Hay Loader can be used in combination with the **Side Delivery Rake,** also with the regular **Horse Hay Rake,** used either way it is a great labor saver, loads from swath or windrow, light draft and durable.

Price, - - - $145.00



REPAIRS FOR FARM MACHINERY—We make a specialty of supplying parts for farm machinery. Bring old part or number of the piece wanted.



REAPER AND BINDER

One of the best on the market, strong, light draft, and a perfect worker. Special Binder Catalog on Application.

Price $250.00

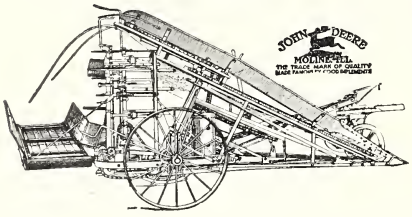
We carry a very complete stock of **Mowing Machine Knives, Sections, Rivets, Guards, Guard Bolts** and other machine repairs.

From our large stock of **Machine Sprocket Chain** we can supply repair links for almost any machine made.

BOLTS, NUTS, WASHERS and NAILS

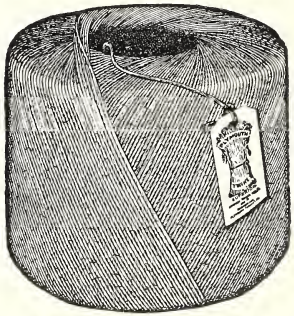
A large assortment for general use

CORN BINDER



This is a splendid working, strong and substantial machine, and backed up by the well-known John Deere Company. Contrary to a general claim by some other manufacturers, this is one of the lightest draft corn binders made. Let us show you this machine. We guarantee it. $235.00

BINDER TWINE



Our Binder Twine is smooth, even, more feet to the pound than many other makes. It is Plymouth Twine, none better—in balls of 5 lbs. each—10 balls to the bale. Prices according to market.

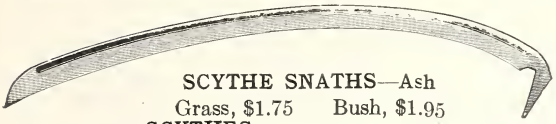
HAND HAY AND LAWN RAKES

HOOVER LAWN RAKE-Made from flexible steel spring wire, 20 inch. wide, used with a sweeping motion similar to the Bamboo. Price, $1.00

Extra, 3-bowed, Hay,	$ .70
" 2- "	.60
No. 1, 2- "	45c and .55
Extra Wood Lawn,	$ .85
Wood Rake Teeth, doz.,	.10

BACHELOR'S WIRE LAWN RAKE - - 1.00

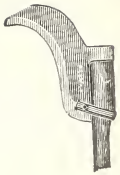
JAPANESE BAMBOO LAWN RAKES—For sweeping and raking fine lawns, 50c and 75c.



SCYTHE SNATHS—Ash
Grass, $1.75 Bush, $1.95

SCYTHES.

Clipper,	$1.60
Solid Steel,	1.90
Our Special Solid Steel,	2.25
Bush,	1.90
Bramble,	1.90
Grain Cradle Scythe,	3.00
Snath Wrenches,	.05
Loops,	.15



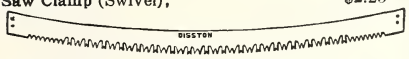
BUSH or BILL HOOKS
Heavy, (handled), $2.50

SCYTHE STONES

English Round,	$.35
Carborundum,	.25 & .35
Carborundum Rifle,	.15 & .35
Radiac,	.25
Cummington Stone,	.15

SAWS

Carpenters' "Cut Off" Disston's 20, 24 and 26 in. in two grades,	$2.75 and $4.25
Carpenters' "Cut Off" Simonds	$2.00 & $4.25
Black Diamond,	2.25
Keyhole Extension,	.75
Saw Clamp (Swivel),	$2.25

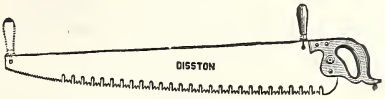


DISSTON

Cross Cut—Narrow,	5 ft. $4.00
" " "	5½ ft. 4.50
" " "	6 ft. 5.00

SIMONDS

Cross Cut—Narrow,	No. 325 5 ft. $8.00
" "	5½ ft. 9.00
" "	6 ft. 10.00



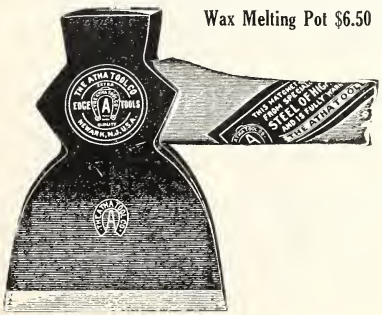
DISSTON

Cross Cut one man 3 ft.,	$3.50
" " 3½ ft.,	4.00
" " 4 ft.,	4.40
" " 4½ ft.,	$4.80 and $6.00
Buck Saw—Either narrow or wide blade,	$1.85 $2.00 and $2.50
" Blade only,	75c to $1.65
" Frame only, without Strainer,	75c
" Strainers,	20c and 25c

GRAFTING WAX.

Trowbridge, ¼ lb. stick,	20c
" ½ lb. stick,	35c
" 1 lb. stick,	60c

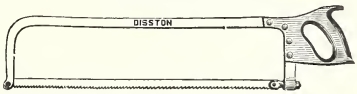
Wax Melting Pot $6.50



Axe Mattocks,	$1.15
Pick Mattocks,	1.15
Mattock, or bog hoe,	1.00
Saw Sets,	$1.50 and 2.00

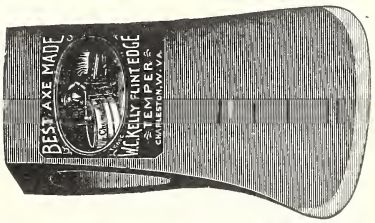
Ice Saws, 4 ft. $7.00,	4½ ft., 7.50
Cart Ice Saws,	3.50

MEAT SAWS.



Family Size, $.75, 18in. Disston's, $2.50
20in. Disston's, $3.00, 22in. Disston's, 3.50

AXES.



Our Best,	$1.75 and $2.25
Connecticut pattern,	$1.50 and 1.75
Axes, Handled,	$2.00, 2.50 and 2.75
" Boys,	1.75
Axe Stones,	10c to 60c
Axe Handles,	35c to 75c
Axe Wedges,	5c

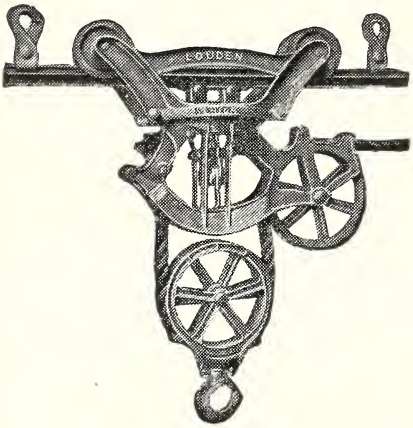
GRAIN CRADLES.

Turkey Wing, 4 fingers,	$7.00
Cradle Fingers,	45c each
Hay Knife, Lightning,	2.25
Flails,	1.25
Carpenters' Squares,	2.25 to 4.00
Saw Bucks, Folding,	75c

HATCHETS

Shingling	75c and $1.50
Broad	$2.00, $2.25 and $2.50
Hunter's	$1.65 and $2.50
House Axe	$1.25, $1.75 and $2.00
Lathing	$1.50
Boy Scout	$1.00 and $1.75

Louden Hay Carrier



One of the best Hay Carriers, operates in any kind of barn—it is Swivel and Reversible.

Price Louden Senior Car, - - - $13.15
" " Double Bead Track, ft., .27
" Brackets, per doz., - - - 1.20
" " Extra Heavy, per doz. 1.80
" Floor Hooks, each, - - - .25
" Pulleys, Knot Passing, each, 1.25 and 1.75
" Pulleys Wood Sheave, each, 1.25, 1.75
" " Iron, each, 1.50 and 2.00
" Drive Screws, per gross, - 1.00
" Standard Two-Part Track Hangers, doz., - - - - 2.40
" Screw Eyes, - 20c each, $2.00 doz.
" Hoisting Whiffletree, each, - 3.00
" Bracket Pulley Holder, 1.15
" 5″ Link Hangers, $3.75 doz.

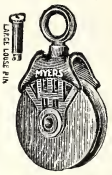
ROPE

We carry in stock pure Manila Rope, sizes from ¼ inch to 1 inch; prices according to market.

Hay Bale Ties

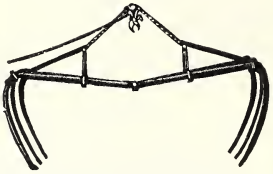
Stock sizes: 7 ft. 3 in. $2.65 and 9ft., $2.95
Prices subject to change.

Bracket

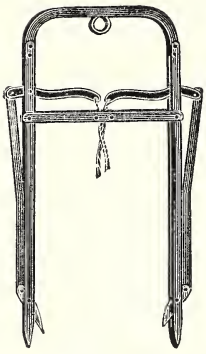


Pulley

Floor Hook



Grapple Fork, 4 Tine, $11.25
" " 6 " 12.60



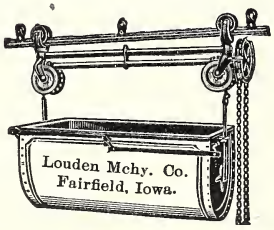
DOUBLE HARPOON FORKS

Long $2.75
Extra Long $3.00

Rocker Bar Hay Fork

Double Harpoon $6.90

Rope Hitch 50c



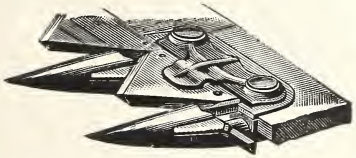
Louden Litter Carrier

An excellent carrier
Prices on application

Louden Steel Track

See us for special Catalogue of Louden Barn Equipment and Louden Barn Plans. Will be glad to have our special equipment man call.

MOWING MACHINE KNIVES, SECTIONS GUARDS AND REPAIRS



The furnishing of these goods is an important part of our business. We are in a position to supply you with PARTS of any Mowing Machine, Rake, Tedder, Plow, Harrow, or most any Agricultural Implement made; and it is always best if possible to bring or send the old parts to insure a fit. It is important that you use the Best Knives and Sections. We sell only the Best. We positively refuse to handle cheap ones. The best are worth the money, the others are worth nothing. Every one is Warranted.

FAUCETS

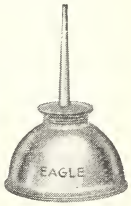
Ivy Wood 6 inch	20c
" " 7 "	25c
" " 8 "	30c, 35c and 40c

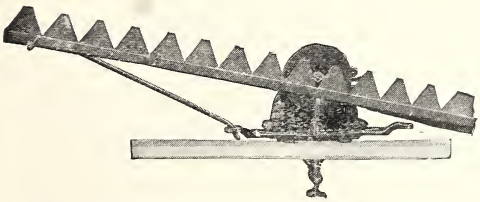
SOMERS METAL KEY

8 in.	.65c	9 in., Diamond lock	.75c
		7 in., " key	.60c
		8 in., " "	.75c

OILERS

No. 114	25c
No. 13—	30c
No. 13 A	30c
No. 14AA	40c
No. 14 B	45c
Sewing Machine Oiler	10c and 15c
Oil Can, One Gallon	50c
" " Two Gallon	75c
" " Five Gallon	$1.00, $1.50 to $2.25





ROYAL SICKLE GRINDER, $9.50

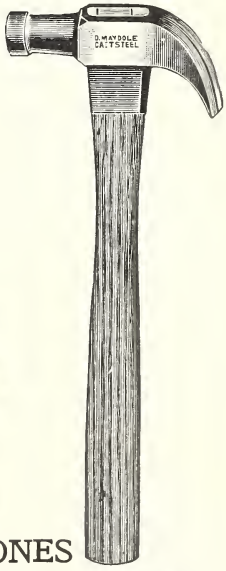
STILSON WRENCHES

6 in.	$1.00	12 in.	$1.50	24 in.	$3.65
8 in.	1.15	14 in.	1.75	36 in.	6.75
10 in.	1.25	18 in.	2.50	48 in.	10.00

SCREW DRIVERS

PRICE, 25c TO $2.00

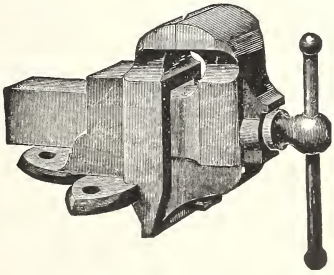
Knife Handle	
Monkey Wrenches, 6 in.	.90
" " 8 in.	1.05
" " 10 in.	1.30
" " 12 in.	1.65
" " 15 in.	2.25
" " 18 in.	2.70
" " 21 in.	3.40

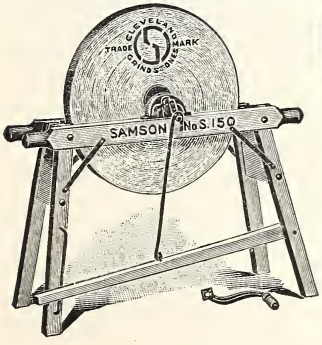


Cold Chisels, each	20c
" " (heavy)	each 25c to 75c
Rivet Punches,	20c and 25c
Nail Hammers steel,	$1.00 and 1 25
" " Maydole,	$1.25, 1.50, 1.65
Tack "	20c and 25c

Our Standard Vise

No. 102¼	$2.50
" 112½	5.00
" 023½	5.75
" 113 A	6.00
" 113 X	6.35
" 113½X	7.00
" 114X	8.75
323½ X	16.00

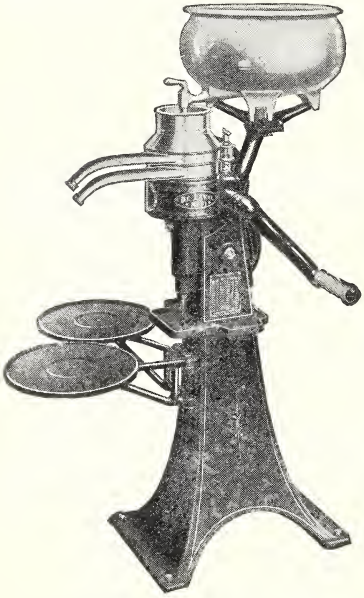




MOUNTED GRINDSTONES

Extra Wood Frame, No., 1 Wt. about 130 lbs. Price $12.00.
Regular Wood Frame, No. 2, Wt. about 100 lbs. Price $10.00.
Grindstone Fixtures, for mounting, prices on application.
Huron ..... per lb. 5c

A Herd in the Berkshires



THE DE LAVAL SEPARATOR

The leading Separator, to-day considered the best Separator on the market.

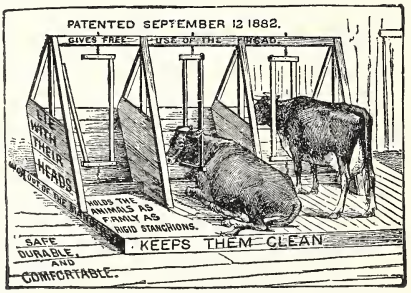
The New 1929 Series, all gears, enclosed.

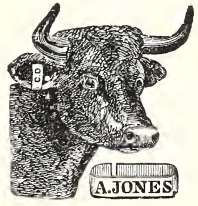
	Capacity	Prices
No. 7 no standard	200 lbs.	$ 62.50
No. 8 with standard	225 lbs.	77.50
" 10 " "	350 "	87.50
" 12 " "	500 "	100.00
" 16 " "	750 "	117.50
" 17 " "	1000 "	135.00
" 22 " "	1350 "	225.00
Add for Electric Driven Separator		55.00

CHAIN HANGING CATTLE STANCHIONS

The best and easiest method for fastening cattle in the stable.

	Price
WOOD Regular - -	$2.60
WOOD Heavy Bull -	4.75
STEEL (LOUDENS) with guide -	4.50
" " with Guide, Holder and Anchor for concrete. - -	5.20
Fastenings for Wood Frame - -	.45
HEAVY BULL Louden - -	6.75

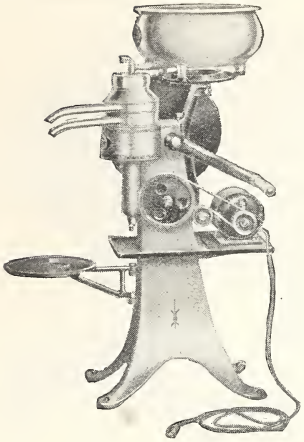




DANA'S STOCK LABELS

An easy and practical way of marking Stock. Cattle labels may be marked with owner's name not exceeding 13 letters, and post office address, not exceeding 13 letters. Sheep label size has room for only 10 letters,

	Per doz.	Per hun.
Cattle labels lettered and numbered,	.75	$3.00
Sheep and hog labels lettered and numbered,	.40	1.75
PUNCHES.—Cattle label size,	Each	$1.75
Sheep, " "	"	1.25



DE LAVAL ELECTRIC DRIVEN SEPARATOR

Prices Page 62

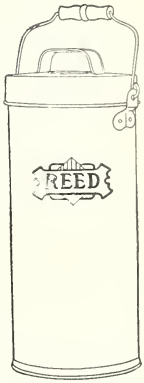
WOOL FAT — A wonderful healer. ½ lb. can, 50c
1 lb. can, 1.00

HEAVY TIN CREAM CANS

with cover and faucet, and Glass

20 qt., $3.50

20 qt., without faucet or glass, $1.75



Cream Can

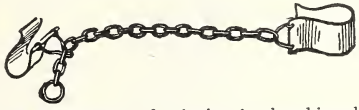
CREAM PAILS

With ventilated top, 20 qt. $2.50

MILK TESTING GLASSWARE

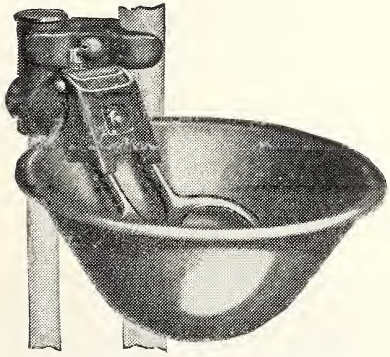
Babcock Tester—Prices on application

Pipette for tester.....45c
Acid Measure for tester.....30c
Cream Bottle for tester.....50c
Milk Bottle for tester.....40c and $1.00

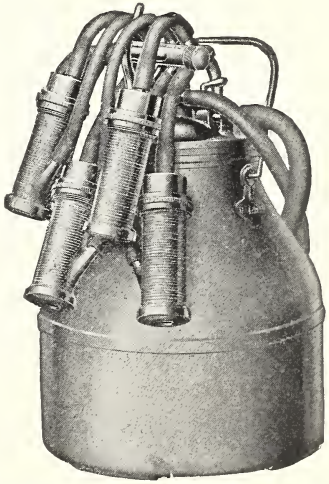


ANTI COW KICKER—Only device for breaking heifers or vicious kickers. Price $1.00.

COW TAIL TIE 25c



LOUDEN DETACHABLE WATER BOWL



DE LAVAL MILKING MACHINE

We believe this to be one of the best Milking Machines on the market today. We will gladly send a special man to figure and estimate plans with you.

B. K. A liquid germ killer for use in the dairy and household. Quarts, $1.25; Gallon, $3.00; 5 Gallon, $12.50.

GERM X A liquid germ killer for dairy use. 5 gallon can, $10.50.

STOVE LINING

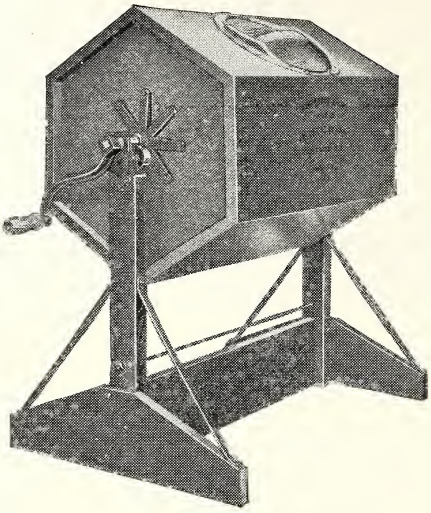
Made of fire clay, to take the place of stove brick. Per Pkg.....30c, 50c and 75c
RUBBER AND CHINA CEMENT. Per bottle.....25c

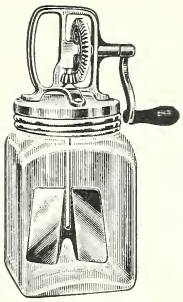
THE FENNER CHURN

This is a Six-Sided Revolving Churn. The Butter may be churned, washed, salted and worked in this churn.

Size	Will Churn	Capacity	Price
A-1	2 Gal.	6 Gal.	$ 9.00
B-1	3 "	9 "	12.00
1	5 "	12 "	16.00
2	8 "	20 "	18.00
3	10 "	24 "	20.00
4	12 "	30 "	24.00
5	16 "	40 "	28.00
6	20 "	50 "	32.00

SEPARATORS.—See page 62.



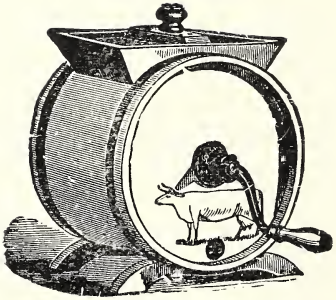


LIGHTNING SANITARY CHURN

Makes 2 lbs. butter with one pound butter and one pint milk.

Price:

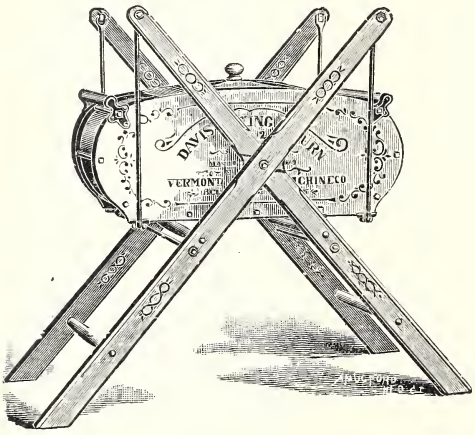
1 Qt.	$1.75
2 "	2.25
4 "	3.25



CYLINDER CHURN

A Good Low Price Churn.

	Prices
No. 1	$3.75
No. 2	4.50
No. 3	5.25



DAVIS SWING CHURN

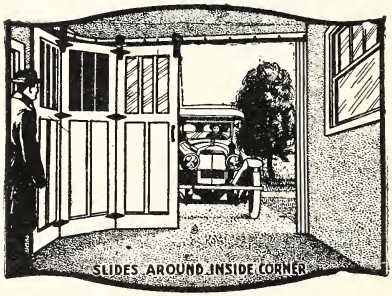
Easy to Operate.

Easy to Clean.

No Floats or Paddles.

Size.	Capacity.	Will Churn.	Price.
No. 2	10 gal.,	5 gal. or less,	$15.50
No. 3	16 "	8 " " "	17.80

LOUDEN GARAGE DOOR HANGERS

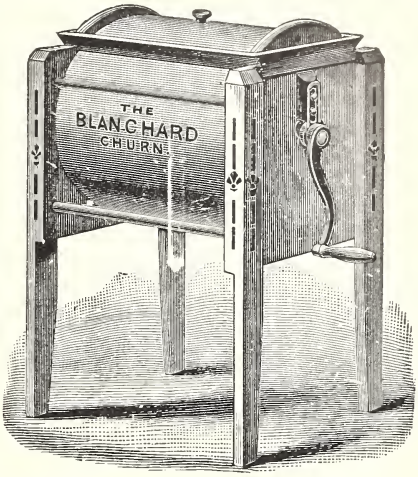


Prices on Application

WHITE MOUNTAIN ICE CREAM FREEZERS

Triple Motion

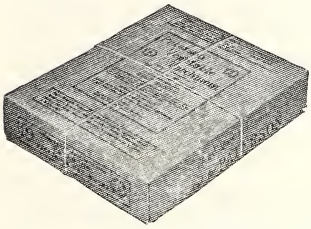
No. 2—2-quart	$4.00
No. 3—3-quart	4.75
No. 4—4-quart	5.80



BLANCHARD CHURN

Probably the Best Crank Churn in Use

	Prices
No. 4 Churns up to 4 gals.,	$10.00
No. 5 " " 8 gals.,	12.00
No. 7 " " 16 gals.,	18.00



Parchment Butter Paper

PURELY VEGETABLE

Stock Sizes—7x9, 8x11, 9x12,—other sizes to order. Printed to comply with law.

Per box of 1000 sheets, 7x9,	$2.25
" " " " 8x11,	2.25
" " " " 9x12,	2.75
Per lb., plain	.40
" " printed,	.50

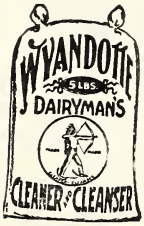
CALF FEEDERS

Common Sense Calf Feeders Single $2.25

Common Sense Calf Feeder Nipples 25c

"Wyandotte" Dairymen's Cleaner and Cleanser

A Splendid Washing Powder for all milk and dairy utensils.



280 lb. Barrel,	$13.75
Barrel of 50—5 lb. sacks,	13.80
80 lb. Keg,	4.93
5 " Sack,	.45

WYANDOTTE DETERGENT

For Cleaning Marble Work, Scouring, etc.

Barrel, 250 lbs. $17.00 Keg, 75 lbs. $6.06 5 lb. sack, 50c

"WYANDOTTE" ALKALI SPECIAL

Barrel, 300 lbs. Especially for bottle washing machines - $16.98

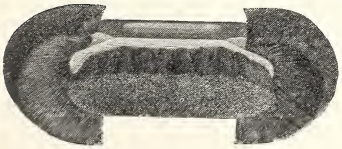
Wyandotte Yellow Hoop FOR LAUNDRIES

285 lb. Bbl. $9.55 5 Bbl. lots, $9.20 per Bbl.
10 Bbl. lots, $8.85 per Bbl.

Wyandotte Special Foam Cleaner

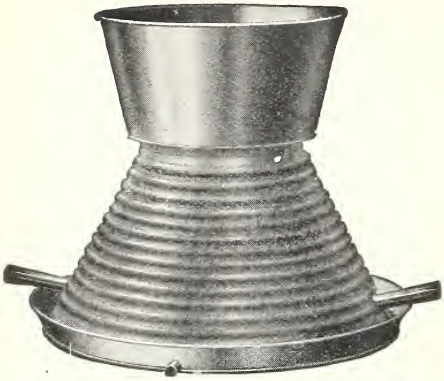
FOR DISH WASHING MACHINES

Per Bbl., $13.75



CAN BRUSH, 45c

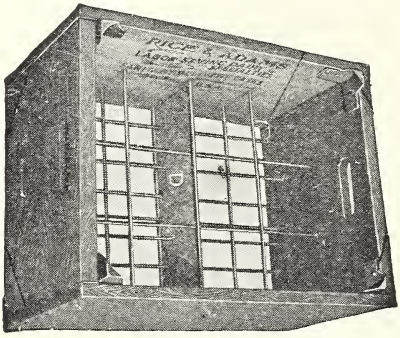
BOTTLE BRUSHES, 50c and 60c



Milk Cooler

This is one of the best and most convenient Coolers on the market. It not only cools the milk but aerates it. The illustration is not absolutely correct, but gives an idea of the method of cooling.

No.	Capacity of Milk Receiver.	Size of Dairy.	Price.
2	18 qt.	1 to 25 cows	$10.00
3	34 "	25 " 50 "	12.00
4	52 "	50 " 100 "	16.00



BOTTLE CASES

Capacity 12 qt. bottles, with bottom corner irons, $1.75

Pints, capacity 20 pt. bottles, with bottom corner irons, 1.75

½ Pint, capacity 20—½ pt. bottles 2.15

Hansen's Orange Butter Color

Per Bottle..... 40c

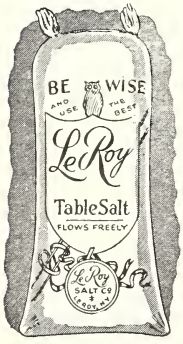
Hansen's Cheese Color

Per Bottle..... 60c

SALT

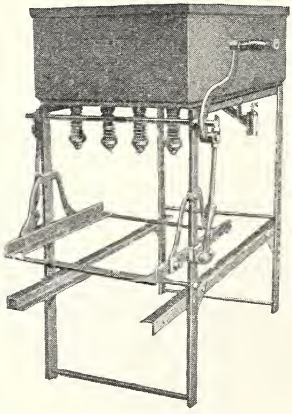
"Retsof" Lump Salt.....per lb., 2c
" " " .....per 100 lbs., $1.50
" " " .....per ton, 20.00
No. 1, "Retsof" (best for ice cream, etc.) per bag, 1.00
" Small lots, 2c lb.,
Cattle Salt, (coarse fine).....per 140 lb. bag, 1.95
" " (coarse fine).....per 56 lb. bag, .85
Turk's Island Meat Salt.....½ bushel sack, .75
" " " ".....1 bushel sack, 1.40
" " " ".....2 bushel sack, 2.50

Dairy Salt (Leroy) per 50 lb. bag, 95c



Roto Salt Holder.—45c each.
Roto Salt Cake.—20c each, $2.25 per doz.
Square " 25c each.

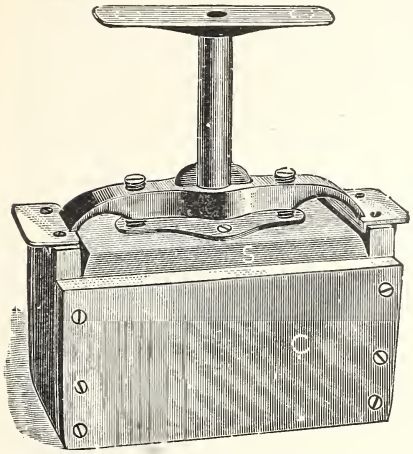
Wright Milk Bottle Filler



Made with Galvanized Steel frame, tinned copper tank, and sanitary fittings. Bottles filled perfectly with no topping off or overflow.

No. 4—filler
9 " } Prices on application.

Single Bottle Filler, $15.00.



No. 2 Butter Molds

Butter Moulds

No. 2 Mould. Price 1 lb., $4.00

Daisy Mould, 1 lb., $2.00; ½ lb., $2.00

Butter Ladles, Price 15c & 20c

Flat Butter Spades, plain, Price 10c & 20c

Concave Butter Spades, plain, Price 15c

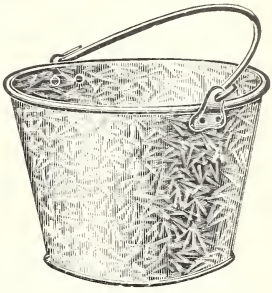
Butter Spades, creased, Price 10c and 15c

Milk Measures,—Tin, accurate will seal, ½ pt. 35c, 1 pt. 50c, 1 qt. 60c, 2qts. $1.25, 4 qts. $1.50

Milk Dippers, $ .75

Measuring Rods for 20-30 and 40 quart cans, .90

Milk Measure

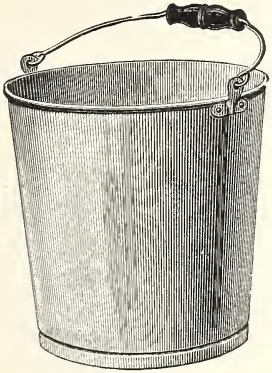


Mule Pail 75c.

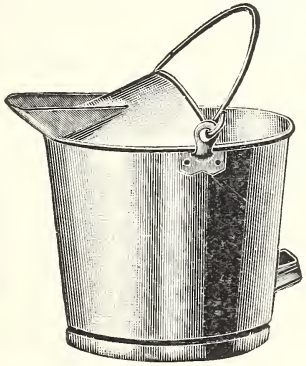
Coal Hod Strainer Pail—Detachable strainer, heavy,..... $2.75 & $3.00
Heavy Tin Milk Pail—14 quarts..... 1.35
" " " " 12 " 1.25
Common Strainer Pail, ... 1.75

Sanitary Heavy Tin Milk Pail, 12 qts., $1.40—14 qts., $1.50
Sanitary Closed Top Milk Pail, $2.50

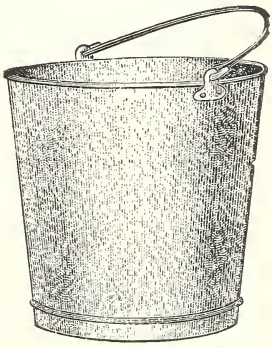
Sterilac Milk Pail,—Sanitary, all parts cleanable, $4.75

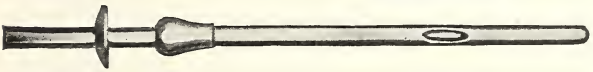


MILK PAIL

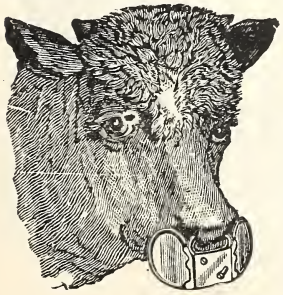


STRAINER PAIL





MILKING TUBES Plated, 25, 30 and 35c.
Teat Dilators, metal each 35c
set of 4, $1.00.
Teat Dilators, wax, doz. 25c
Stricture Cutters, $2.25.



CATTLE LEADERS, 40c and 45c.

OX BOW PINS, 25c Per Pair.

CATTLE CARDS, Common Size, 30c

COW BELLS, No. 1, $1.25; No. 2, $1.00; No. 3, 85c; No. 4, 65c.

WEANERS, Small Calves, 60c; Medium Yearlings, 85c; Large Cow, $1.25.

OX MUZZLES, heavy, 60c Per Pair.

BULL RINGS, Copper, Medium, 40c; Copper, Large, 50c; Cannon Metal, very heavy, $2.00.

BULL PUNCH, $1.25 and $2.50

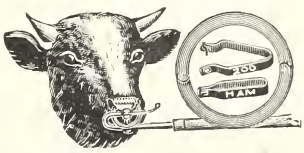
RUBBER APRONS, Heavy, $2.50 and $4.00.

RUBBER MOP OR SQUILGEE, $1.00.

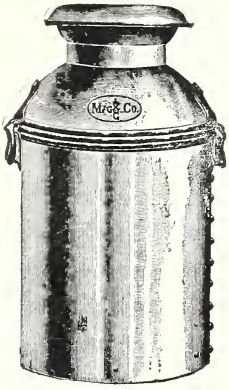
Galvanized Iron Pails

10 Quart,	35c and 50c
12 Quart,	55c and 70c
14 Quart, heavy,	60c and 70c
16 Quart, heavy,	75c and 80c

BULL STAFF



THE KING..... $5.75
SAFETY 6.75
SNAP & CHAIN, without staff 1.50



Railroad Milk Can
New York Pattern

BOSTON MILK CAN

CITY DELIVERY PATTERN

Quarts.....	1	2	3	4	6	8	10
Price Heavy Tin	.95	1.15	1.45	1.60	1.70	1.90	2.00
" 1X "	40c	60c	80c	95c			

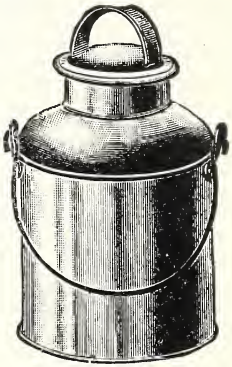
RAILROAD MILK CANS

NEW YORK PATTERN

20 Quart $4.75
30 " 5.40
40 " 5.75

Special price to milk dealers using quantities.

SPECIAL ATTENTION is given to supplying Marked Cans for shipping.



Boston Pattern

PROVIDENCE PATTERN CAN

Extra Heavy, 10 qt., $3.00

MILK PANS—Heavy Tin

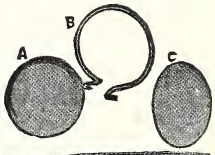
	Each		Each
No. 6	.40	No. 10	.50
No. 8	.45	No. 12	60

Extra heavy, No. 8 65c, No. 10 75c, No. 12 85c

Atlantic Sanitary Milk Strainer

12-Qt., $3.00 16-Qt., $4.25 Ex. Large, $4.50

The best and easiest to keep clean, that we have found.



SPECIAL MILK STRAINER

An excellent strainer, Price, Medium size, $2.40, Large size, $2.75

COMMON STRAINER.....50c

CLARK'S MILK STRAINER CLOTHS, box $2.00.

ATLANTIC STRAINER MILK CLOTHS
(round) per box 300, - - - $2.00

JOHNSON'S MILK STRAINER CLOTHS
square per box $2.00

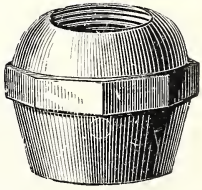
Special Strainer

WOOD BUTTER BOWLS

Best Quality, 10 in. Price	$ .25	Best Quality, 15 in. Price	$1.50
" " 12 in. Price	.60	" " 17 in. "	2.50
" " 13 in. Price	.75	" " 19 in. "	3.00

OX BUTTON, Octagon. (See cut), 35c per pair.

OX BUTTON, Tall Pattern, 1.00 per pair.



WEATHER VANES

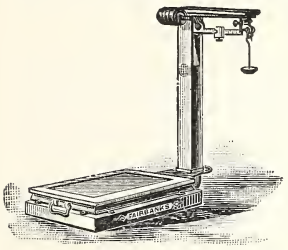
Special illustrated Sheet of Designs and Prices sent on application.

CALF MEAL

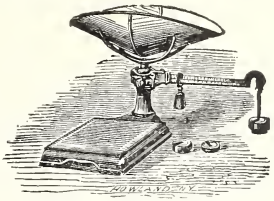
Per lb.	$ .08
25 lb bag	1.75
50 lb. bag	3.25
100 lb. bag	6.25

CALF CORDIAL, Pkg. 75c.

PLATFORM SCALE



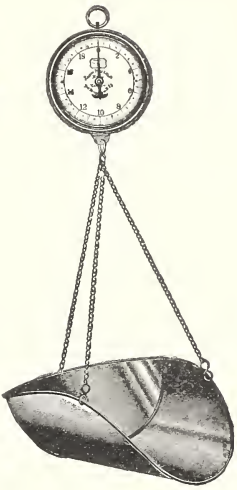
A very accurate scale, especially good for farmers' use.
Capacity **500 lbs.**
With Wheels **$22.00**

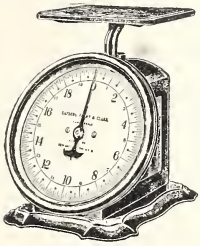


Family or Dairy Scales

Capacity, ½ oz. to 240 lbs., positively accurate, with platform and brass scoop, Price $18.00

Ice Scales, Chatillons, weighs from 5 lbs. to 200 lbs., by 5 lbs. Price $8.00
from 1 lb. to 100 lbs. by 1 lb. Price $6.00





DIAL SCALE

Weighs up to 25 lbs., enameled top (see cut) $2.25 and $3.75

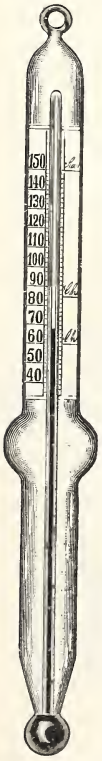
Special Milk Scale weighs 30 lbs. by ounces, $9.00
Special Milk Scale weighs 60 lbs. by 2 ozs., $11.00
Special Milk Scale weighs 60 lbs. by tenths. $11.00

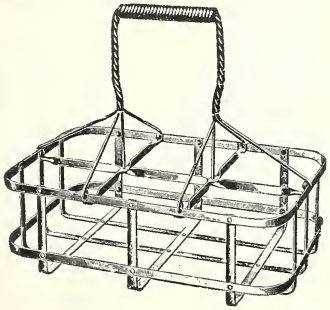
SCALES

If you contemplate putting in what is termed Hay Scales, we would be pleased to give you an estimate

PEDDLERS' SCALE

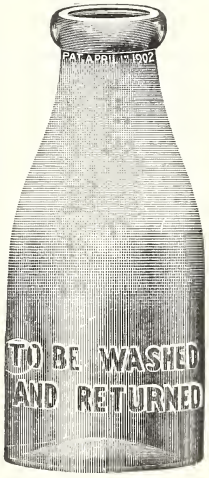
Peddler Scales, 30 lbs. by ounces, with ½ bushel scoop, **$11.50**
Peddler Scales, 60 lbs. by ounces, with one bushel scoop, 12.50
Spring Balance Scale, weighs up to 50 lbs., Price **$1.25**
Scale Beams,—Capacity 300 lbs., $14.50





Common Sense MILK BOTTLES

Quarts, $1.00 doz; Pints, $.90 doz; Half-Pints, 80c doz. Special Prices on Case lots or over.



Wire Carrying Baskets

For delivering milk in bottles, **6 bottle size, $1.25** and $1.75.
8 bottle size, $1.50 and $2.00

DAIRY FLOATING THERMOMETER ..... 30c and $2.00

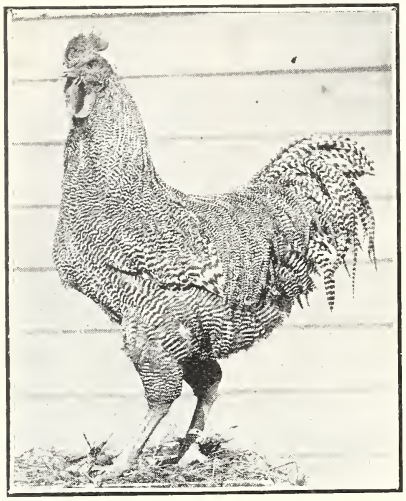
MILK BOTTLE CAPS

Made from heavy fibre board

Plain per lb. .40
" " box of 5-M $2.25

Special prices on quantities

BOTTLE CAPPER—For Metal Caps, $1.50.
" **CAPS**—(Metal) gross, 35c.



FOR GLOBE POULTRY FEEDS
See Page 75

DR. HESS STOCK TONIC.—per pkg 50c

COW'S RELIEF. — Cures caked bag caused by garget, injury, overfeeding, etc., per pkg., 50c and $1.00.

BAG BALM—For same purpose as Cow's Relief 60c

WHITE ROCK HOOF PACKING.—An excellent article.
Small size ..... $.30
Medium ..... .60

KOW-KARE.—A medicine for cows only. Prices, small can, 65c; large can, $1.25

GRANGE GARGET CURE.—For the cure of milk fever and garget. Price 65c

BICKMORE GALL SALVE—35c.

SILVER PINE HEALING OIL.—Per bottle 50c

REFINED PINE TAR.—Per can 25c, 35c and 50c.

COAL TAR–Pt. can 25c, qt. 35c, gal., $1.00

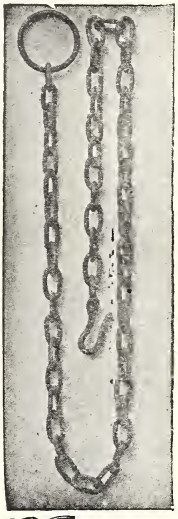
Whiffletrees, Eveners, Neck Yokes

These we have made for us out of firstclass timber.

NECK YOKES.—Short, each..... $2.50
" " Long " 5.00
EVENERS..... $2.50, 3.50 and 4.00
WHIFFLETREES. each..... $2.00 and 2.50
NECK YOKE Factory made 2.00
CLEVIS—25c, 35c, 50c and 75c.
NECK YOKE SETS 7.50
WHIFFLETREE SETS..... 5.50

CHAINS

STAKE.—Heavy, short link, 6½ ft., per pair, $1.50
SHORT TRACE.—18 in., per pr. ..... .75
SHORT TRACE.—24 in., per pr..... 1.00



LOG OR STONE CHAIN.

⅜ in. x 12 ft., 1 grab hook 1 common hook, $4.00

⅜ in. x 14 ft. " 4.50

7/16 in. x 12 ft., 1 grab hook, 1 common hook 4.50

½ in. x 14 ft., 1 grab hook, 1 common hook $6.50

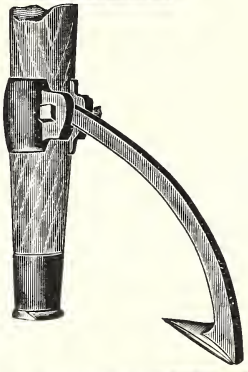
⅝ in x 15 ft., 1 grab hook, 1 common hook, 12.00

RUGGLE CHAIN.— $7.00

STONEBOAT OR DRAG. Price $13.00.

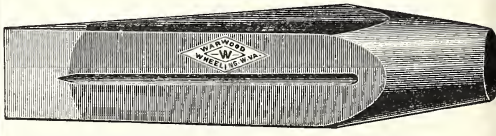
STONEBOAT FRONT.— Steel used with straight plank.
34 in., with bolts $5.75

STEEL CROWBARS.— Per lb., $ .13

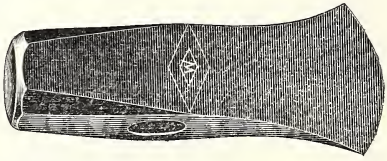


CANT OR LOG HOOKS

Cant Hook, 4 1-2 ft. $2.75
Maine Peavy, 3 ft. $3.25
" " 3½ ft. $3.50
" " 4 ft. $3.75
" " 4 1-2 ft. $4.00

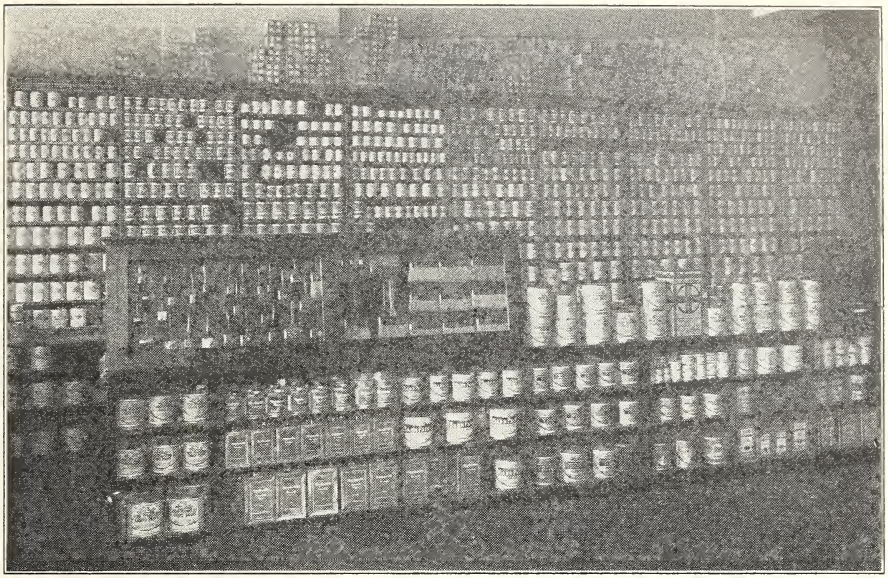


SAW WEDGES..... Each 25c
SPLITTING WEDGES.—
Round head, per lb..... .15
SPLITTING WEDGES.—
Sq. head, per lb..... .12



WOODCHOPPERS' MAUL.—
Steel, per lb..... .20
SLEDGES.—Steel, per lb. ..... .20
STONE HAMMER " 25
HAND " " ..... .25

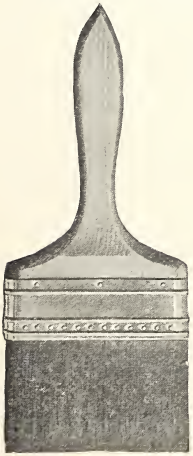
PAINTS, VARNISHES, OILS, ETC.



A SECTION OF OUR PAINT DEPARTMENT

We are sole agents for LOWE BROTHERS High Standard Paints

LINSEED OIL
TURPENTINE and DENATURED ALCOHOL—In any quantity desired.



PAINT BRUSHES

Fine line of paint and Varnish Brushes

Best Linseed Oil
Best Turpentine
Highest Grade White Lead

MISTON PAINT SPRAYER

PRICE, $1.50 and $2.25

WAX (Floor Wax) Staples, per can 60c
" (Cream) " pint can 60c
" " " qt. can $1.00
" (Floor Wax) Butchers, per can 85c

PASTE—For wall paper hanging, 1 lb. 15c, 2 lbs. 30c, 3 lbs. 45c, 5 lbs. 75c.

PUTTY

WHITE LEAD PUTTY

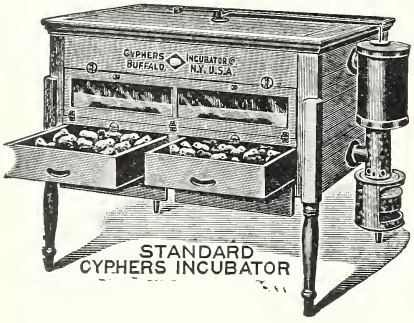
1 lb. Can subject to change, 15c
5 " " " " " 65c
12½ lb. " " " " $1.50
25 lb. " " " " 2.90

LINSEED OIL PUTTY

1 lb. Can subject to change, 12c
5 " " " " " 60c
12½ " " " " " $1.20
25 " " " " " 2.35

POULTRY SUPPLY DEPARTMENT

See Us for Anything in the Poultry Supply Line



GENUINE CYPHERS INCUBATORS

Probably no more reliable hatcher made than the Cyphers

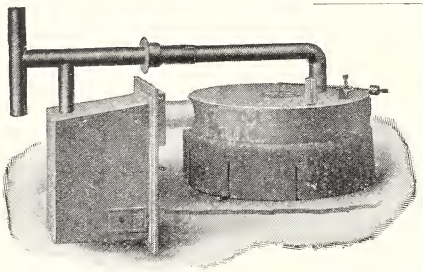
SELF-VENTILATING
SELF-REGULATING—NON-MOISTURE
EFFICIENT—DURABLE
PRICES OF CYPHERS INCUBATORS

No. 1	Holds **144** Hens Eggs	40.00
No. 2	Holds **244** Hens Eggs	54.00
No. 3	Holds **390** Hens Eggs	65.00

THE QUEEN INCUBATOR

No. 22 220 Egg Capacity, $30 00 No. 4 275 Egg Capacity $46.50

GLASS CLOTH—For Poultry Houses, Chicken Coops, Hot Beds, etc., width 36 in. Per yd., 40c; per 10 yds., 35c per yd.



ADAPTABLE HOVER

Mothers the chick better than a hen

Self-Regulating, Self-Ventilating, complete with Regulator and Thermometer, $18.00.

PEERLESS ELECTRIC BROODER

PRICE, $6.00

PUTNAM BROODER

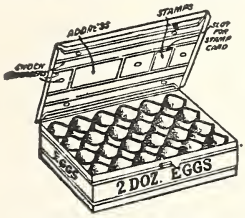
A small, inexpensive, oil burning brooder, $4.75

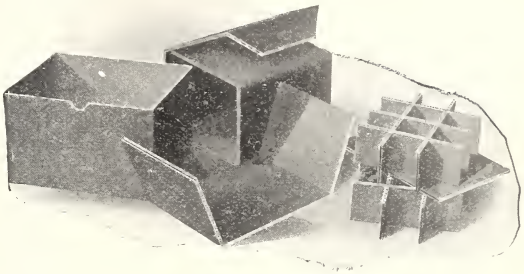
PARCEL POST EGG BOX

PARCEL POST EGG BOX—Capacity 1 doz. 15c each, $1.75 doz. Capacity 5 doz., 45c each.

EGG CARTONS—(Capacity 1 doz.)—doz., 15c; per pkg. of 125, $1.25.

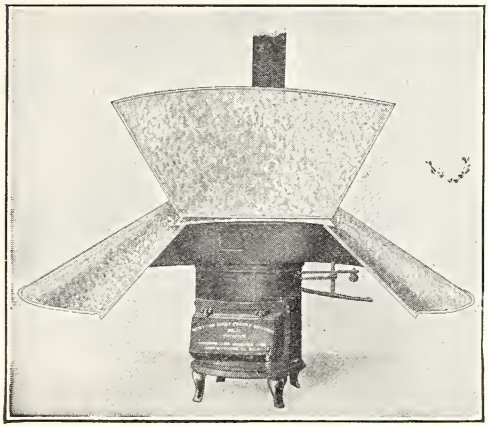
ALUMINUM PARCEL POST EGG CARRIERS—2 doz. size, $1.50; 4 doz. size, $2.00; 6 doz. size, $2.50.





WATER GLASS

For preserving eggs, 1 gal. preserves 50 doz. eggs. Per qt., 35c; per gal. 80c



NEWTOWN GIANT COAL-BURNING COLONY BROODER

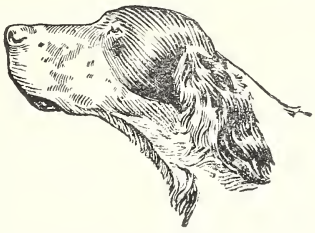
AUTOMATIC COAL FEED, SIMPLE, SAFE, ECONOMICAL

	Capacity	Fuel Capacity	Size of Pipe	Price
No. 7,	200 to 300 Chicks	39 lbs	3 in.	$25 00
" 11,	500	48	4 "	32.50
" 12,	1000	60	5 "	40.00
" 501	350 Chicks		Oil Burner	17.50

EUREKA COAL-BURNING BROODER

	Capacity	Fuel Capacity	Price
No. 11	500 chicks	23 lb.	$14.75
" 22	1000 "	34 "	18.50
" 33	1200 "	50 "	22.50

SERGENT'S DOG REMEDIES



A complete line for the scientific care of dogs

OLD TRUSTY DOG FOOD, large package, 75c
SPRATT'S OVALS, large package, 35c
" **FIBO,** " " 35c

MILK BONE—Maltoid

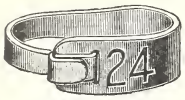
Puppy, large - - - 35c
Dog, - - - 35c

Old Grist Mill Dog Bread

1 lb. Puppy Bread.....$ .15
3 lb. Dog Bread..... .35
50 lb. Bag Dog Bread.....4.50
Milk Dog Biscuit, pkt.....35c

Poultry Root Cutter
NO. 7, PRICE $7.00

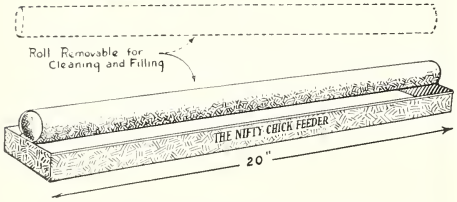
Nest Eggs
China, per dozen, - - - - 30c



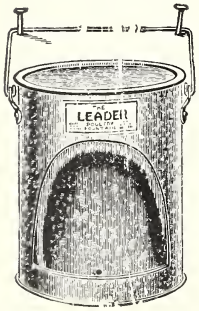
Adjustable, Climax or Eclipse Leg Bands
Per dozen, 15c,
Per 100, $1.00

Spirol Leg Band, per dozen, 15c, per 100, $1.00

Poultry Punches, 25c and 75c

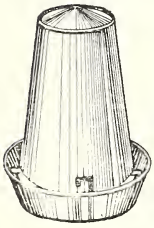


Nifty Chick Feeder
Roll removable for cleaning, Price 25c.

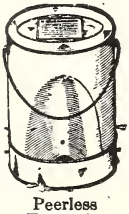


LEADER POULTRY FOUNTAIN

1½ Gal. size 90c
3 " " 1.50



PEERLESS POULTRY FOUNTAIN
Large size, $1.25
medium size, 90c
chick size, 45c


Peerless Fountain

HANDY POULTRY FOUNTAIN, AND CHICK FEEDER
fits glass fruit jar, price 25c

INSULATED POULTRY FOUNTAIN, 3 Gal., **$5.00**

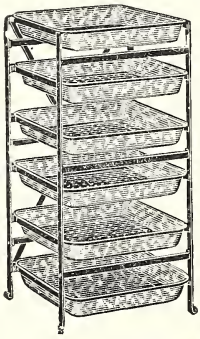
CONE POULTRY FOUNTAIN
1-quart size, 25c; 2-quart size, 35c

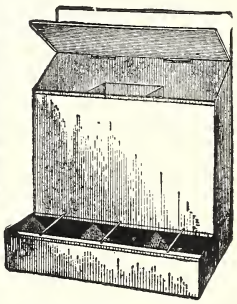
Stone Ware Poultry Fountain, 35c and 50c
12 qt. Round Table Chick, $2.00
5 gal. " " Poultry 2.75

THE MANN BONE CUTTER
For Grinding Green or Dry Bone, An Excellent Machine
No. 5-B. With bal. wheel, $15.00
No. 7 " " " and stand, 19.75

	Per Box
Pratt's Head Lice Ointment	30c
Pratt's Roup Remedy, -	25c, 50c
Conkey's Roup Remedy, -	30c,
Pratt's White Diarrhoea Remedy,	25c, 50c
Poultry Worm Capsules	1.00

OAT SPROUTER
Five Galvanized Trays one Drip Pan and Rack.
Price $7.50





The 1-2-3 DRY FOOD HOPPER
for Feed $1.35
The 1-2-3 Food Hopper, for Shells, Grit, etc. 75c

JUNIOR CHICK FEEDER Price, 25c and 45c

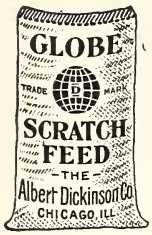
Egg Testers
Each, - - - - - - - - - 60c

The APACO FEEDER and Exerciser, $1.75

The Norwich Feeder and Exerciser, with adjustable standards,
No. 4, 7.50

PEERLESS FEED HOPPER
suspends from ceiling
8 Qts., - - $2.00
16 " - - - 3.00
32 " - - 4.00

A Local Grown Globe Fed Prize Winner.



GLOBE POULTRY SCRATCH FEED. Composed of specially cleaned sweet grains, whole and cracked, also sunflower seed, oil cake and charcoal. No grit. No waste. Prices variable according to market.

GLOBE EGG MASH.—A select mixture of ground feeds from sweet, wholesome grain, it is a growing and health food, a molting food and an egg producer. Price variable according to market.

GLOBE GROWING SCRATCH FEED.—No Grit.—For promoting the growth of chickens, following the period of Globe Chick Feeding. Prices according to market.

GLOBE CHICK SCRATCH FEED.—A mixture of small grains and seeds which make a complete balance ration for young chicks. Contains no grit. Prices variable according to grain market.

GLOBE BABY CHICK MASH WITH BUTTERMILK, one of the best, 6c lb., 100 lb. $5.50.

GLOBE CHICK GROWING MASH WITH BUTTERMILK, excellent; 5c lb., 100 lb. $4.75.

GROUND CHARCOAL

100 lb. bag..... $4.50
50 " " 2.50
Per lb..... .08

POULTRY GRIT

No. 1—Coarse for Poultry,
No. 2—Medium,
No. 3—Fine, for Chicks,
} Price per 100 lb. bag, $1.00.

CLOVER

Alfalfa Meal, 50 lb. Bag, $2.50; 100 lb. Bag, $4.50.

International Poultry Food

This food is giving exceptionally good satisfaction. Price per package, 30c, 60c.

Pratt's Poultry Regulator

26 oz. Package - - - - - - - .25
5 lb. Package, - - - - - - - .50
12 lb. Pail, - - - - - - - - 1.65

Pratt's Baby Chick Feed

Excellent for little chicks. Per package 25c, 50c and 90c 100 lbs. $6.00

Pastura Poultry Regulator, 75c, 1.50, 4.50

Dr. Hess Poultry Pan-a-ce-a

1½ lb. pkg. 25c.
5 lb. pkg. 75c.
25 lb. Pail, $3.00.

Sea Shells

100 lb. bag, $1.50.

Ground Beef Scraps

100 lb. bag..... $5.50
25 lb. bag..... 1.50
Per lb..... .06

Ground Oyster Shells

Per 100 lbs.,..... $1.50
" lb..... .02

Dried Buttermilk

For cattle and poultry, per lb. 15c; per 100 $13.50.

Bone Meal

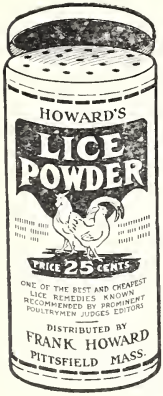
For cattle or poultry, per 100 lbs.,... $6.50
Per 25 lbs.,..... 2.00

Cracked Bone

100 lb. bag..... $6.50
25 lb. bag..... 2.00

O. K. Poultry Litter

Per bale..... $4.00



Howard's Lice Powder

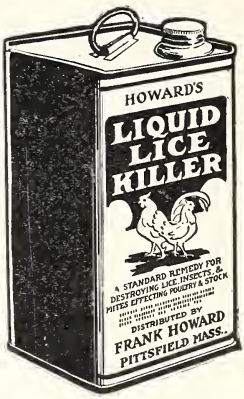
This has given excellent satisfaction, doing perfectly the work intended.

Small Package ..... $ .25
Medium " ..... .50
Large " 1.00

LIQUID LICE KILLER

This is a liquid insecticide for destroying lice on poultry, stock, etc., and is an excellent article, very easy to use, and does its work thoroughly. It is also a disinfectant.

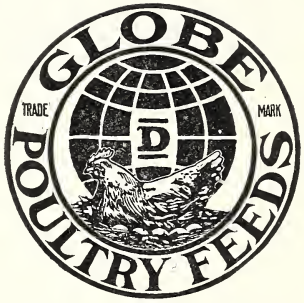
Price 1 Quart Can..... $ .60
" 2 " " 1.00
" 4 " " 1.75

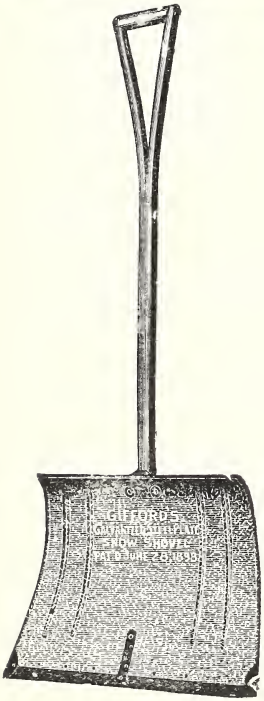


Graylawn Louse Chase, for lice on cattle, Hogs, Poultry. A very effective remedy.
Per pkg. $1.00 Poultry size 50c

Graylawn farm
LOUSE-CHASE

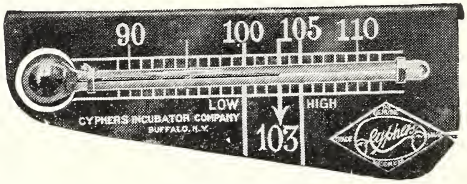
For description see page 75





Incubator Lamps, No. 0, without burner - - - - - - $1.15
No. 1, $1.25; Nos. 2 and 3, without burner - - - - - - 1.40
Incubator Burners, No. 0, 40c; No. 1, 65c; Nos. 2 and 3 75c
Rings, extra - - - - - - - - - - - - - - - - - - 10c
Caponizing Sets - - - - - - - - - - - - - - 2.50
Poultry Killing Knife - - - - - - - - - 75c and 1.00
Incubator Hygrometer - - - - - - - - - - - - $2.00

Standard Incubator Thermometer Price 90c



Cyphers Brooder Thermometer, for A Brooder - - - - $1.00

Sidewalk Chisels

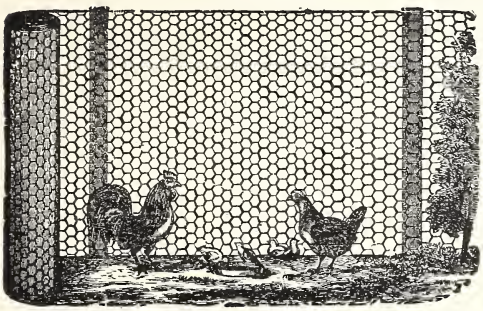
Price,
$1.15 and $1.35

SNOW SHOVELS

All Steel, 75c, $1.00, $1.15 and $1.25 Galvanized Iron, $1.25
Galvanized Boys', 20c, 30c and 75c

GALVANIZED POULTRY NETTING

WE HANDLE THE BEST MAKE OF NETTING



STOCK WIDTHS—2 inch Mesh.

	Full Rolls of 150 Lineal Feet	Less Than Full Rolls per Lineal Foot
12 inch	$1.60	1 1-2c
18 "	2.30	2 1-4
24 "	3.00	3
36 "	4.00	4 1-2
48 "	6.00	6
60 "	7.50	7 1-2
72 "	9.00	9

STOCK WIDTHS—1 inch mesh.

12 inch	$3.50	3c
18 "	5.25	4 1-2
24 "	6.75	6
30 "	8.00	7 1-2
36 "	9.00	9
48 "	12.00	12
60 "	15.00	15

POULTRY NETTING STAPLES.—Per lb. package, - - - - - - - - - - - 15c

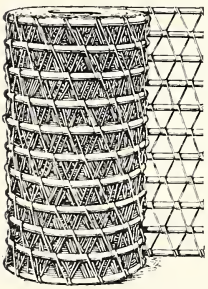
AMERICAN FIELD FENCING

The best fencing made for stock of any kind. It is strong, neat and safe; will stop anything from a pig to a buffalo.

Made in widths from 32 inches to 58 inches. Stock numbers are 845-12, 635-12, and 832-6.

Stock numbers on Poultry and Garden fence are 2158-6.

GALVANIZED SQUARE MESH HARDWARE CLOTH, size ¼ in. ⅜ in. and ½ in., for cellar windows, screens, etc. Prices on Application.



DIAMOND LAWN FENCE

This is especially designed for Lawns and Yards. Is 2 in. mesh, making it hard to climb, is very strong and neat, can be used with our steel posts or on wood posts; stock sizes, 42 in. and 50 in. Prices on application.

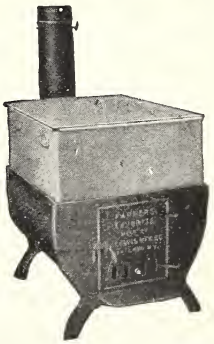
Send for our **Special Fence Book,** which will tell you all about the **American** fences and the **Yankee Gates.**

See page 78 and inside back cover for other Lawn Fence.

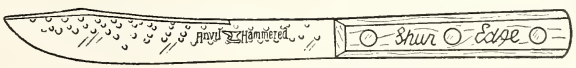
FARMERS' FAVORITE FEED COOKER

For Butchers, Sugarmakers, Poultrymen and Dairymen. The Boiler is made of Galvanized Steel. The price is for cooker complete, consisting of stove or fire box, galvanized boiler with cover, one length 6 in. pipe and damper and 6 in. elbow.

No. 1—Capacity 30 gallons, - - - - $18.00
No. 4— " 50 " - - - - 22.50



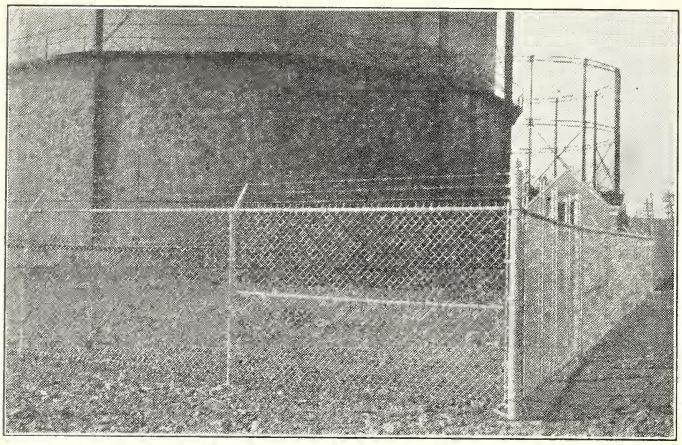
Farmers' Favorite Cooker



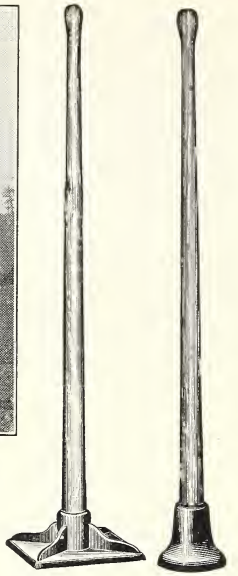
BUTCHER KNIVES } Inches—5, 5½, 6, 7, 8, 9, 10, 12, 14,
Prices—35c, 45c, 50c, 60c, 65c, 75c, $1.00, $1.25, $1.50, $1.75 and $2.00.

STICKING KNIVES—Warranted, 5 in. 50c; 6 in., 65c.

HOG SCRAPERS—Each .....15 and .50 **HOG RINGS**—Per 100.....15
" Catchers, each .....75 " Ringers.....25

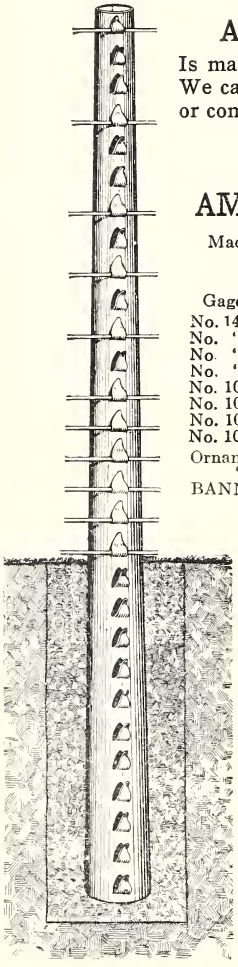


Anchor Post Chain Link Fence Erected by Us



Square Tamper each $2.25

Round Tamper each $2.25



ANCHOR POST FENCE

Is made in many styles and for every use. We can figure your fence either material only or completely erected.

Sole Agents for Berkshire Co.

AMERICAN FENCE POSTS

Made of steel, galvanized, almost indestructible Prices on Application.

Gage and Design	Length in Feet	Approximate Weight in lbs.	List
No. 14½ Line Post	6½	9.1	.83
No. " Line Post.....	7	9.8	.91
No. " Line Post.....	7½	10.5	.97
No. " Line Post.....	8	11.2	1.08
No. 10 End Post, Ideal	7	51.8	4.90
No. 10 End Post " ..	8	59.3	5.55
No. 10 Corner Post " .	7	72.9	7.30
No. 10 Corner Post " .	8	83.4	7.85

Ornamental Tops for line posts, 30c
" " " End and Corner Posts, 60c
BANNER LINE POSTS, Each 55c

BARBED and PLAIN FENCE WIRE

On 80-Rod Reels. Prices on application.

Wire Fence Staples Per lb., 8c

CAST IRON MAULS. Weight from 12 lbs. to 20 lbs., each.....$2.25

CAPS FOR DRIVING POSTS, 60c

American Fence Stretcher, $12.00

TOWNSEND WIRE STRETCHER, $2.75

ROPE AND PULLEY STRETCHERS, $2.50

LINEMAN'S PLIERS, $1.40, $1.50 and $1.75

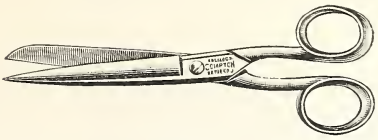
POST HOLE SPOONS, $4.00

POST AUGER, $3.00

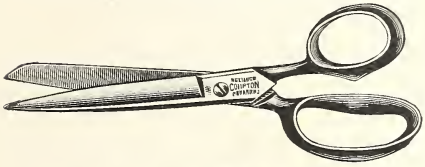
WIRE CUTTING PLIERS, 35c, $1.40 $1.60, $1.95, $2.25

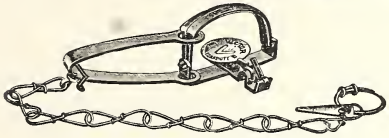
FENCE CUTTING PLIERS, $1.50

GIBBS POST HOLE DIGGER, $3.50



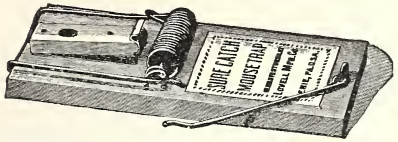
SCISSORS AND SHEARS—Our "Special" Scissors are "best goods"—we have a full line of these, also cheaper grades.





GAME TRAPS—25c to 75c

APPLE PARERS—Rocking table..... $1.75
CORK SCREWS..... 5c to $1.00
CORN POPPERS 35c, 50c, 75c
" " extra heavy..... 1.25



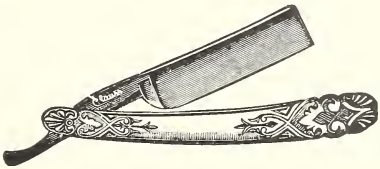
MOUSE TRAP—Sure Catch..... 5c
" " Round....each 15c
" " French Wire.... 65c

RAT TRAP—Sure Catch 20c
RAT TRAP—French Wire..... 95c

POCKET KNIVES

Complete Stock of Warranted Knives

RAZORS

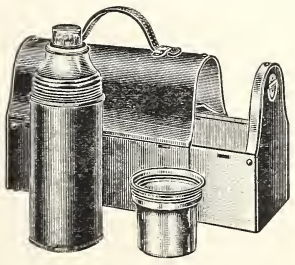


Our Special Brand of Razors are Splendid Cutters
Prices $1.50 to $4.00

GILLETTE RAZOR — $1.00 to $6.00.
GEM JUNIOR RAZOR—$1.00.
STAR SAFETY RAZOR—$2.00
SEXTOBLADE SAFETY RAZOR
$2.50 and upwards
EVER READY SAFETY —$1.00
RAZOR STROPS Swing from 75c–$2.75
COMBINATION—50c to $2.50.

LATHER BRUSHES—35c, 50c, 65c, $1.00 $1.50, and $1.85.

RAZOR HONE—90c and $1.25.



THERMOS LUNCH KITS
$3.00

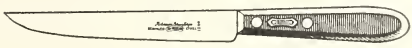
Lunch Boxes—Folding 30c

THERMOS BOTTLES
$1.00, $1.50 and $4.00

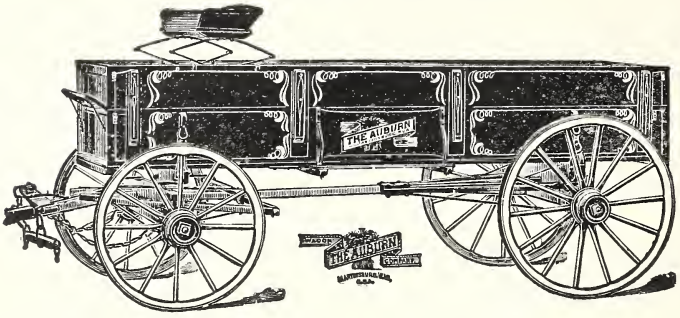
Thermos Bottle Fillers
$1.00 to $1.50

TACKS—Gimp, Carpet and Double Pointed, per pkt., 5c and 10c
TACK PULLS—15c BIRD GRAVEL—Per Pkt., 15c
CUTTLE BONE—Each— 5c
CARVING SETS—An assortment of warranted sets, prices from $2.50 to $12.00
COUNTER DUSTERS— 35c, 50c and 75c
FEATHER DUSTERS "Ostrich" $1.25 to $6.50
WELL BUCKETS—Oak, $2.00
WELL BUCKETS—Galvanized, 80c and $1.00
FLOUR SIEVES— 20c, 25c and 30c
HAMMOCK HOOKS Each 15c
BAIL AND BOX HOOKS—Each, 40c and 50c
BIRD CAGE HOOKS— 35c and 50c

KITCHEN KNIVES
10c, 15c, 20c, 25c and 35c; Stainless 50c and 60c



ACME FARM WAGONS

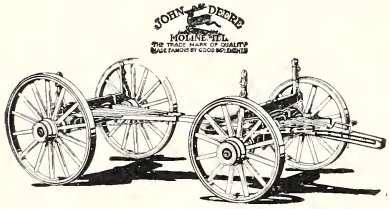


The Lightest Running and Strongest Farm Wagons on Wheels

THOROUGHLY MADE THROUGHOUT, WELL FINISHED, FULLY GUARANTEED
BROAD TIRES.

Designation.	Style.	Size of Axle.	Kind of Wheels	Size of Tire.	Price Gear Only.	Price Complete With Box. Top Box and Seat.
Standard	Solid Axle,	1¾ in.	Sarven	3 x ½ in	$167.00	$211.00
Heavy	" "	2 "	Artillery	3 x ⅝ "		190 00

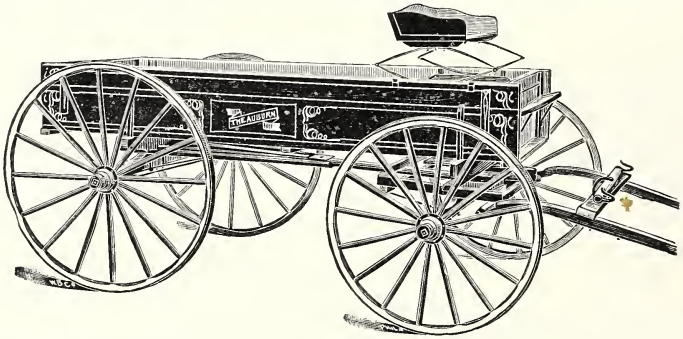
Double Box, Complete with Spring Seat, $46.00.



FARMERS' FARM TRUCK,—Gear only. Thimble Skeins, 4 inch Tire, Wheels, 30 in. and 36 in., capacity 3000 lbs., $80.00

FARMERS' FARM TRUCK,—Gear only. Thimble Skein Extra Heavy, 3 in. Tire, Wheels 32 in. and 36 in. Price $98.00

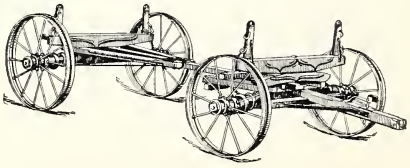
ACME ONE HORSE WAGONS



Gear Only.

1⅜ in. Solid Steel Axles, Sarven Wheels, 2 in. tire, $96.30, complete with seat and 9 ft. box, $117.00. Double Box, Complete with Spring Seat, $30.00.

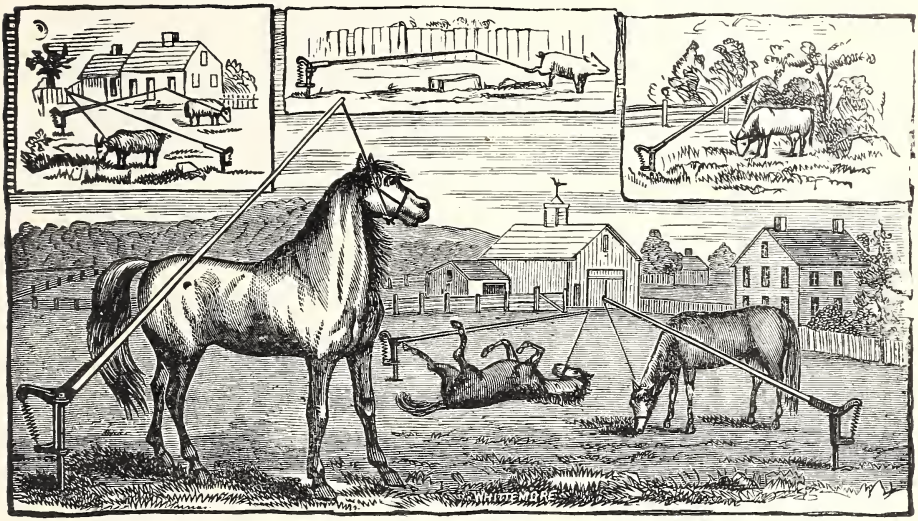
STEEL WHEEL FARM TRUCK



A **Low Down** handy wagon for farm use. Wheels 28 in. and 30 in., Tires 4 in

Price without box, $60.00

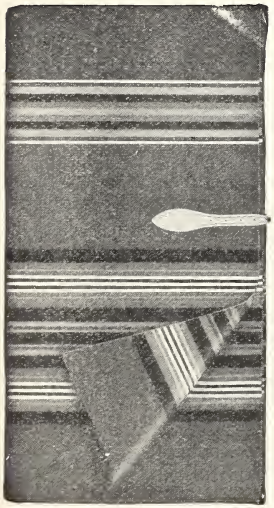
WRIGHT'S ANIMAL TETHER Price $5.50



Stewart Power Horse Clippers, $14.00

Sheep Shearing Attachment,	$14.00
Bottom Plate for Power Clipper,	2.00
Top " " " "	1.50
Clipper Head Complete	4.50

Horse Blankets

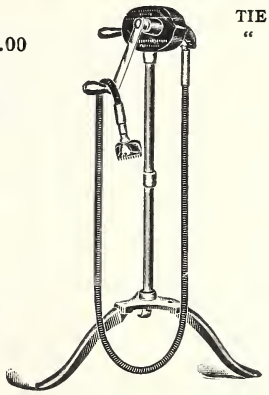


We purchase our **STREET** and **STABLE BLANKETS, AUTO. MOBILE SHAWLS** and **ROBES** from two very large blanket mills. We show a nice assortment and our prices are right.

HORSE CLIPPERS

From.....$3.00 to $5.00

BODY OR BRISTLE HORSE BRUSHES, $1.25 to $5.00.



HARNESS

We carry Farm and Team Harness, Express and Light Harness, at attractive prices.

CURRY COMBS

8-Bar Common Steel.....30c
8-Bar, Best Steel.....40c
Oval.....25c

HARNESS PUNCHES (revolving) $1.25 and $1.50.

HARNESS SNAPS

7-8 in.6c, 1 in. 10c, 1 1-4 in.10c, 1 1-2in. 10c, 1 3-4 in. 11c, 2 in. 15c.

DANDY OR MANE BRUSHES

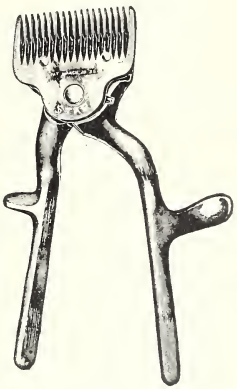
Rice Root,..... 50c, 75c, 85c $1.00

MANE COMBS.....50c and 75c

BLANKET PINS.....5c

WAGON SHOES $2.75 and $3.50
SPONGES 50c, $1.00, $1.50
CHAMOIS fine large, $1.25 and $2.00.

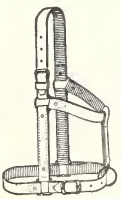
TIE OUT CHAINS, 20 ft., $ .75
" " " 30 " 1.00



(Toilet Clippers)

TOILET CLIPPERS

$2.25, $2.50, $3.25 and $3.85
Fetlock Clippers, $1.75 to $3.50



HALTERS

HALTERS (Horse) Leather, $1.50 and $2.25.

HALTERS (Calf) $1.50 **HALTERS** (Cow) $1.50, $1.75.

WHITE SAND, per quart 10c, per bag $1

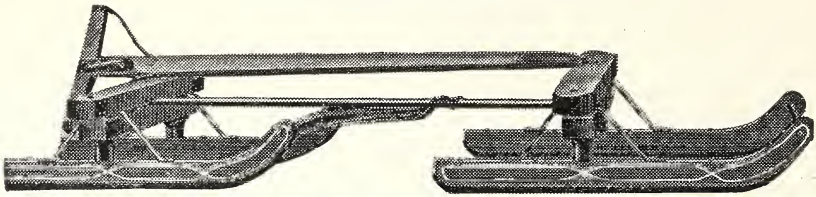
Fetlock Shears, 2.50

FEED BAGS..... $1.65

HITCH RINGS, 30c and 35c

HITCH WEIGHTS, 20 lbs., $2.25

BOB SLEDS

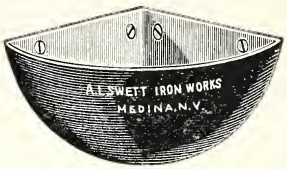


The **"ONE KNEE" Sled** is fast taking the place of the old "Three Knee." They are fully as good on the highway—and very much better in the fields and the wood lot.

Two Horse, heavy and substantial
One Horse, medium
} Prices on Application.

WAGON JACKS

Lanes Steel $2.80
ROPE TIES.—Jute, 1 Snap.....35
" " " 1 Snap and Ring.45
" " " 2 Snap and Ring.65



CORNER MANGERS

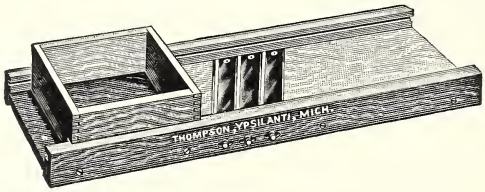
Heavy (flanged top)....$3.75

RIVETING MACHINE

Price each $1.25
" Rivets for Acme machine, per box .20

CORNER HAY RACK, $4.00

HOG TROUGH,—Cast Iron 4 ft. long, 7.50

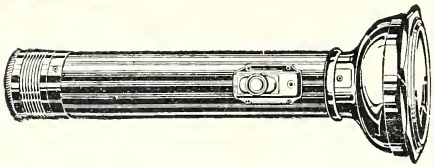


KRAUT OR SLAW CUTTERS

No.45C	(2 knives)	85c
" 9B	(2 ")	$2.25
" 10B	(2 ")	2.50
" 65	(3 ")	3.50
" 80	(4 ")	6.50

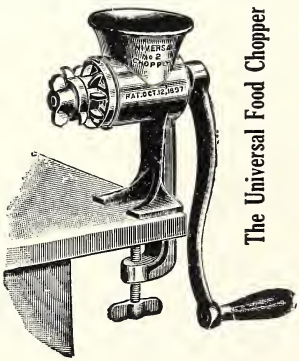
BROOM—Rattan Push, ...$1.35
" " " with Scraper, ... 1.65
" Fibre Push..... 2.00, 2.25
" **Steel Push**..... 2.50
" **Plain (Corn) or extra heavy**.....1.25
" Rattan Mixed 1.25
BELLS—Team,..... 20c, 25c, 50c and 60c
COPPER RIVETS.—½, ⅝ and ¾ in. per pkt. 20c
" " Slotted assortment.....20c
OAT SIEVES— 1.75
AXLE WASHERS—.....Per coil, 10c

LANTERNS—(Dietz) Lift wire Monarch, $1.00;Royal, 1.50.
LANTERNS — D-Lite — 1.85
LANTERNS —Dietz, Jr. Driving 2.25
LANTERN GLOBES—No. 0. 15c; No. 1, 20c; red, 40c.
LANTERN BURNERS, 15c and 20c
LANTERN HOLDERS....45c
FLASH LIGHTS AND BATTERIES. — Assortment of popular styles.



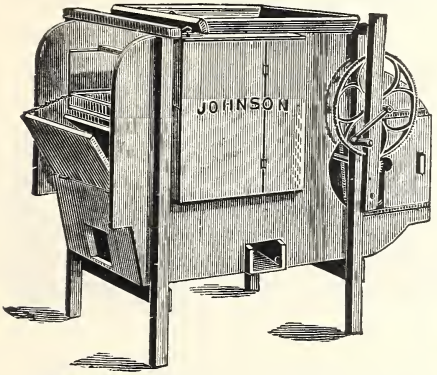
WHIPS—Nice assortment of Team and straight Whips and Lashes.
AXLE GREASE—"4 Brothers" per 1 lb. box, 25c; per 3 lb. box, 60c; 25 lbs., $3.50.
MICA GREASE.—1 lb. 20c; 3 lbs. 50c; 10 lbs $1.25; 25 lbs. $3.00.

BAUM'S CUP GREASE—Highest grade for automobile and machinery, 1 lb. 35c; 5 lbs. $1.25.
FLOOR OIL—(Lily White) Quart can 35c, Gallon can $1.00.
NEAT'S FOOT OIL.—½ Pts. 30c, **Pints,** 50c; **Quarts,** 90c; ½ Gallon, $1.50. 1 Gallon, $2.25.
HARNESS DRESSING,—(Frank Miller's), Quarts 90c.
HARNESS DRESSING Fiebing's Leather Preserver, paste form, 50c; pt. can, liquid, 60c.
ENGLISH SADDLE SOAP—Per box 60c.
HARNESS SOAP—Frank Miller's cake 35c,can 50c
MOWING MACHINE OIL.—Bulk, per Gallon, 75c **In Quart Cans, 45c; in Gallon Cans, $1.00**
SEPARATOR OIL.—"Howard's Best," per Gallon, $1.15; per quart, 45c
GAS ENGINE OIL.—Gallon can, $1.00.



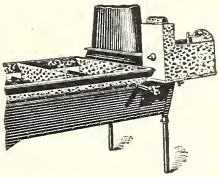
Price No. 1 $2.25
" " 2, 2.75
" " 3, 3.75

SAUSAGE STUFFERS—
Fits No. 2 Chopper, 75c
Fits No. 3 Chopper, 85c

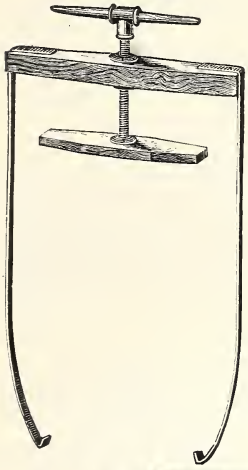


FAN MILLS

No. 1 Fan Mill, Plain, $42.50.
No. 1 Fan Mill with Elevator and bagger, $55

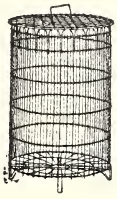


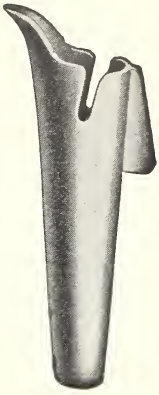
MAPLE SUGAR EVAPORATORS AND SUPPLIES
Write for prices.



BARREL HEADER
Iron Screw, heavy, $3.50

SYRUP CANS.
One gal., square, screw top, each 20c; per 100, $16.50





Sap Spout

SAP PAILS

Galvanized, heavy, 12 qt.
Prices on application.

Rubbish or Paper Burner

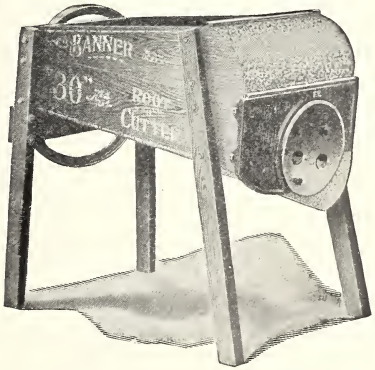
2—15x22 in., $2.50
Extra Heavy, 5.00
3—18x26 in., 3.00
Extra Heavy, 6.50
4—21x31 in., 3.50
Extra Heavy, 9.50

SAP SPOUTS

With hooks per 100, $3.75, each 5c

CIDER MILLS

These are the popular Cider Mills—sizes mostly used.
BANTAM, JUNIOR, MEDIUM
Prices on Application.



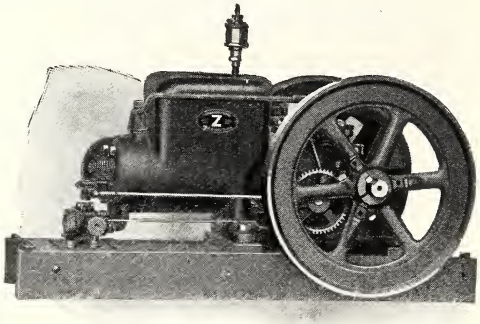
BANNER ROOT CUTTER

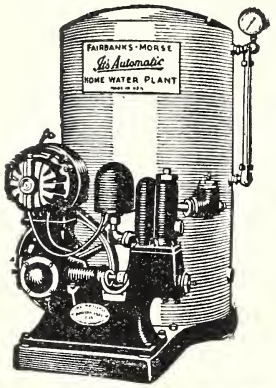
A RAPID SLICER.

No. 20, Hand Machine, - - $15.00
" 30, " " " - - 36.00
" 7, - - 7.00

LARD AND WINE PRESSES
Prices on application

The New Type "Z" Fairbanks - Morse Engine



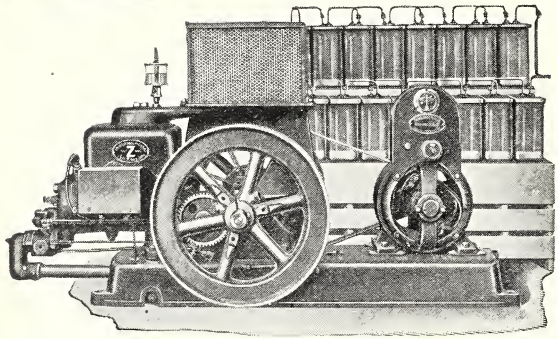


Economical, Simple, Substantial, Gun Barrel Cylinder Bore.—Complete with Fairbanks-Morse Rotary Magneto with impulse starter, more than rated power. Sizes 2, 3, 6 Horse Power In stock. 10 to 300 Horse Power, prices on application.

THE FAIRBANKS-MORSE WATER SYSTEM

Simple, Economical, Automatic and Reasonably Priced. It gives a constant supply of fresh water under pressure.

Ask for special man to figure and give you price on complete equipment.



SPECIAL ELECTRIC ENGINE AND ELECTRIC LIGHTING OUTFIT

For residences or farm lighting, or for small store, garage or manufacturing establishment. The Lighting outfit with the Fairbanks-Morse water system gives you City Conveniences in the Country. If in need of a lighting plant or power we will be glad to send an expert to confer with you.

WOOD FRAME SAWING MACHINE

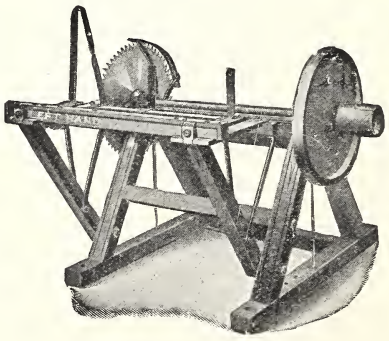
Made of Hard Wood, will accommodate saws from 20 in. to 30 in. in diameter. Pulley is 5 inches in diameter with 6 inch crown face, Balance wheel weighs 95 lbs. The frame can be fitted with pole extension if specially ordered, at extra cost. We recommend using 4 in. 4 ply canvas belting, 10 foot centers, 22 feet belt.

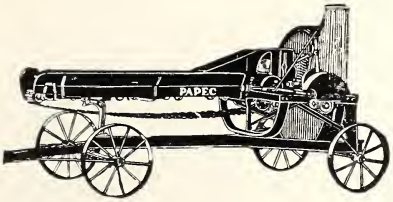
Tilting Table Complete with				22	in.	Saw, $38.00
"	"	"	"	24	"	" 39.00
"	"	"	"	26	"	" 40.00
"	"	"	"	28	"	" 42.50

Hercules Wood Frame Sawing Machine, with 26 in. saw $35.00

CIRCULAR CORD WOOD SAWS

Separate in 24 in., $5.00, 26 in., $5.50, 28 in., $6.00 and 30 in., $6.50.





PAPEC ENSILAGE CUTTER AND BLOWER

A well known reliable machine. A fast cutter, strong and durable. Popular sizes are:

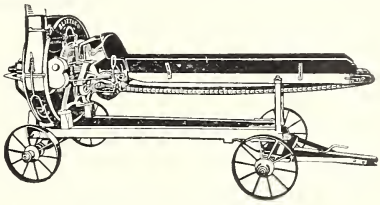
		Horse Power Required
R 10—2 knives, capacity 2 to 5 ton per hr.		3-6
N 13—2 " " 5 " 10 " " "		6-10
N 13—3 " " 8 " 12 " " "		10-14

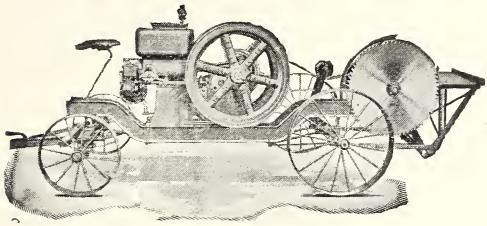
Prices on application

BLIZZARD ENSILAGE CUTTER AND BLOWER

They are built for endurance and to give satisfaction to the user. No. M. 21 or 400, the popular size requiring 4 to 7 Horse Power.

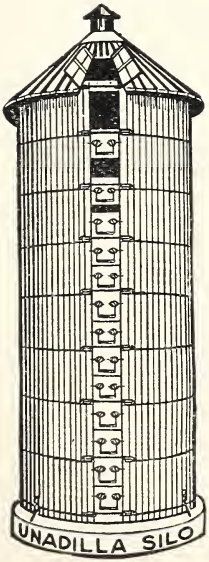
Prices on application





ENGINE AND WOOD SAWING OUTFIT

Prices on application

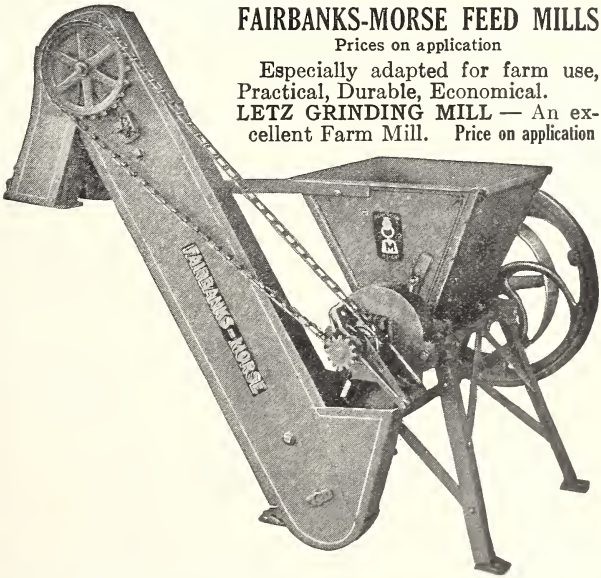


FAIRBANKS-MORSE FEED MILLS

Prices on application

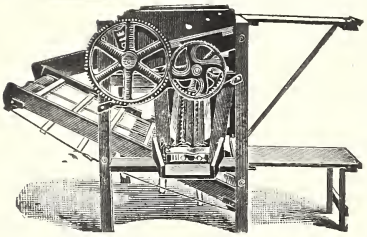
Especially adapted for farm use, Practical, Durable, Economical.

LETZ GRINDING MILL — An excellent Farm Mill. Price on application



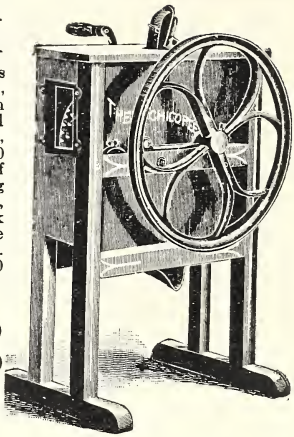
THE UNADILLA SILOS

The use of the silo on the dairy farm has long since passed the experimental stage and is now considered a fixed necessity. We are offering you a SILO THAT IS UP TO DATE IN EVERY DETAIL OF MODERN SILO CONSTRUCTION, in sizes holding from 15 to 226 tons. They are made in "Canadian Spruce," and "Best Oregon Fir" We want to figure with you on a Silo. Write or see us.



THE POWER CORN HUSKER

A Corn Husker that leaves the stalks in shape to bind, something the farmer has been looking for. Power required for full capacity 5 to 6 H. P., and will husk from 25 to 50 bushels per hour. Some of these machines are running with 2½ horse power engine, with this power they husk from 15 to 25 bushels of corn per hour. It will husk the corn and separate the ears from the stalks without material injury to the grains of corn. Price, 6 Roll $180.00



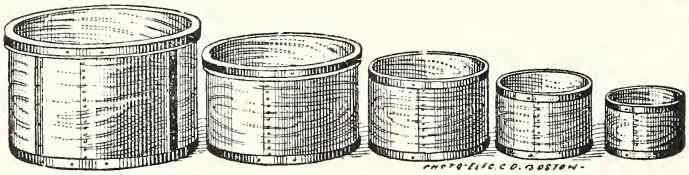
THE CHICOPEE CORN SHELLER

Strong, well-made, with separator and chaff sieve - - $17.00

RED CHIEF CORN SHELLER—Fastens to barrel - $3.50

STEEL DRY MEASURES

2 qt. 50c, 4 qt. 70c, 8 qt. $1.10, 16 qt. $1.35, 32 qt. $2.25.



OAK DRY MEASURES

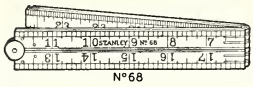
Sealed, 1 qt. 50c, 2qt. 60c, 4 qt. $1.00, 8 qt. $1.50, 16 qt. $2.25, per set $5.25.

BOSTON PATTERN TRUCKS

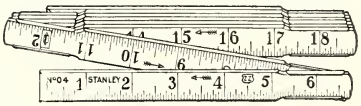
Sizes	Length Handles	Axle
1	52 in.	¾ in.
2	56 "	⅞ in.
3	58 "	1 in.
4	68 "	1⅛ in.

Prices on application

RULES



No 68



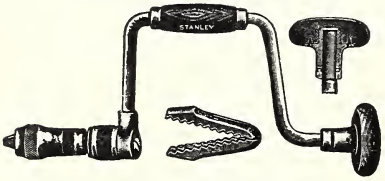
1 foot Caliper	.65c	3 foot Zig Zag..... 35c and 40c
2 " Plain	.30c	4 " " " .....45c and 60c
2 " (heavy joint)	.35c	5 " " " ..... 50c and 60c
2 " Half Brass Bound	.65c	6 " " " ..... 60c and 75c
2 " Full " "	.75c	

BITS

4-16″ 60c	7-16″ 60c
5-16″ 60c	8-16″ 65c
6-16″ 60c	9-16″ 65c

10-16″ 65c, 11-16″ 75c, 12-16″ 75c, 13-16″ 80c, 14-16″ 85c, 15-16″ $1.00, 16-16″ $1.00, Monarch Sets $7.00, W. R. Jennings' Sets $11.00, Gimlet Bits 25c, Tapping Bits 60c and 65c, Gimlets 15c and 20c.

BIT BRACES



Plain	$1.75
Ratchet	2.50 4.00, 4.50 and 6.00
Putty Knives	20c and 45c
Key Rings	5c, 10c and 15c
Key Chains	10c, 35c
Carpenters' Pencils	10c

GLUE LePAGE'S

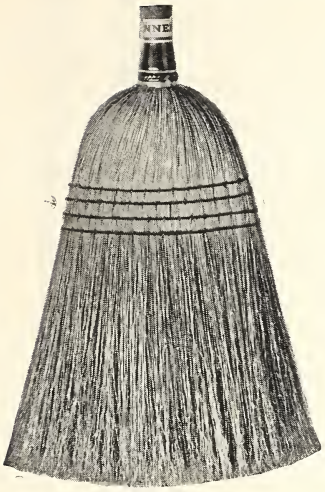
Tube 20c; Small Bottle 20c; Large Bottle 35c
Can 40c, 65c, 85c Ground or Pulverized, for sizing, lb. 25c

LEVELS

12 inch	$1.00 and 1.25
16 "	$1.25 and 1.50
28 "	$2.50 and 3.00
30 "	3.50
42 "	4.25
Aluminum Steel	$5.00

FILES

ALL SIZES—Taper, Slim Taper and Flat Files.



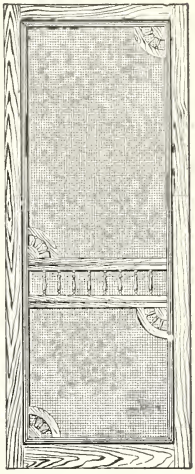
WINDOW SCREENS

	Height	Opens to	Price
Adjustable Hardwood Screens	12 in.	33 in.	$ .45
" " "	18 "	33 "	.60
" " "	24 "	37 "	.85
" " "	28 "	41 "	1.00
" Steel "	18 "	33 "	.75
" " "	24 "	33 "	.85
" " "	30 "	41 "	1.15

WIRE SCREEN CLOTH BLACK—Per sq. ft., 4c
" " " GALVANIZED—Per sq. ft., 6c
BRONZE OR COPPER SCREEN CLOTH—Per sq. ft., 12c
PRICES ON APPLICATION

SCREEN DOORS

Plain, 3 inch stile, wire black, price complete with trimmings, $3.50
Light Finish, Fancy Pattern, 4 in. stile 4.00
Our Custom Made . 6.00
Combination Screen and Storm Glass Door, 3 sizes, $8.50, $9.00, $9.50.

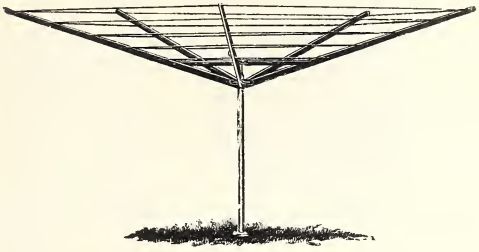


Brooms

We make a specialty of Fine House and Barn Brooms
No. 6–House (fine) $1.00
" 7– " " 1.10
Whisk Brooms 50c and 75c,
Barn Brooms see pg. 82

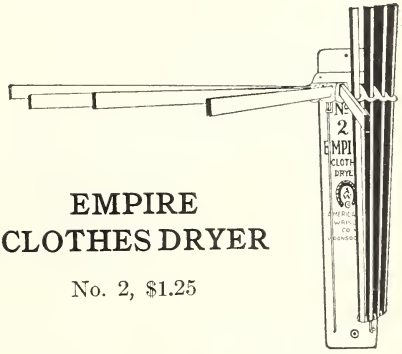
HILL'S CLOTHES DRYER

No. 1.....$10.00 No. 2.....$11.25 No. 5 A...$12.50



CLOTHES-LINE POSTS

(Steel Galvanized), 10 ft. $3.50



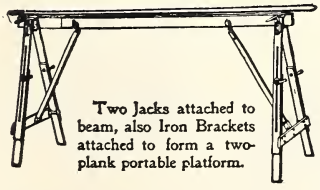
REVOLVING CLOTHES DRYER

Very convenient, easily folded, can be removed from stand, and placed under cover if desired. Price 110 ft., $7.50; 150 ft., $8.50.

EMPIRE CLOTHES DRYER

No. 2, $1.25

ADJUSTABLE SCAFFOLDING JACKS



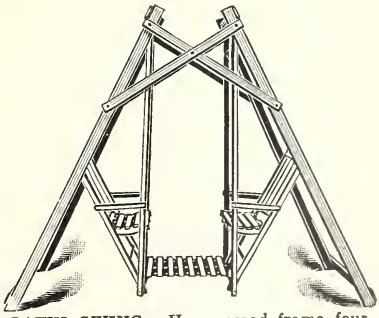
Two Jacks attached to beam, also Iron Brackets attached to form a two-plank portable platform.

Two Adjustable Scaffolding Jacks Folded.

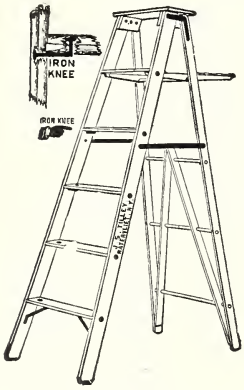
Practical for all interior scaffolding, mill work, metal ceiling, plastering, decorating, etc.

Light, Rigid and Quickly Adjusted.

Prices on application



LAWN SWING.—Heavy wood frame, four passenger, $13.50, $20.00 and $24.00



PARIS STEP LADDERS (Very strong)

5 ft	$3.50
6 ft	4.20
7 ft	4.90
8 ft	5.60

CHALLENGE IDEAL STEP LADDERS

10 ft	9.00
3 ft	1.80
4 ft	2.40
5 ft	3.00
6 ft	3.60
7 ft	4.20
8 ft	4.80

COMMON LADDERS.—Tilley's best quality. Stock length, 10, 12, 14, 16, 18, 20, 22, 24 and 26 ft. Price, 10 ft. to 18 ft. 30c ft., 20 ft. to 22 ft. 35c 24 ft. to 26 ft., 40c.

LADDER HOOKS.—Each $1.50

BEST EXTENSION LADDERS.—Sure lock, safest extension made, price 24 ft. to 38 ft. inclusive, 50c per ft.; 40 ft. to 44 ft. inclusive, 60c per ft.;

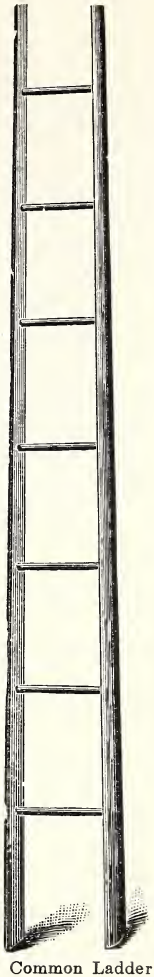
WIRE FLY KILLERS.—Price .....10c and 15c

CAN OPENERS—Price.....15c, 25c, 60c and 75c

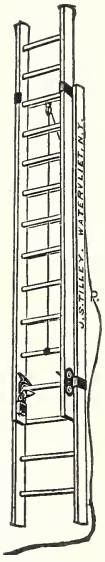
WINDOW BRUSHES.—All Bristles 75c
" " " " 90
" " " " Large 1.25
Handles, extra, 25c to 50c

COMMON ASH SIFTER—Large size, galvanized 75c

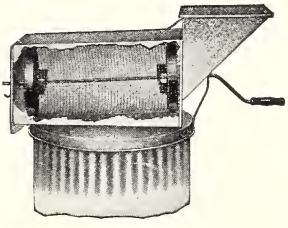
ROTARY ASH SIFTER $3.25



Common Ladder



Extension Ladder



Rotary Ash Sifter

Garbage Pail

Coal Hod

COAL HODS. Plain 50c
Galvanized 65c to $1.00

ASH CANS GALV. med. size ribbed $3.00
" " " large " " 4.00
" " " **COVERS**..... 1.00

GARBAGE PAILS, GALVANIZED With covers, No. 12 $1.25, No. 13 $1.50, No. 14 $1.75, No. 16 $2.00

METAL POLISH.–Per can 35c, 45c and 85c

SILVER POLISH — 40c, 65c, $1.00.

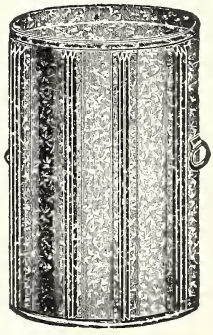
WHITE WASH LIME.—Bbl. $5.25; Selected lumps per lb. 4c.

ALABASTINE.–A splendid wall coating, much better than Kalsomine, etc. —ready for use by adding cold water—many shades, per pkg. (5 lbs.) 75c.

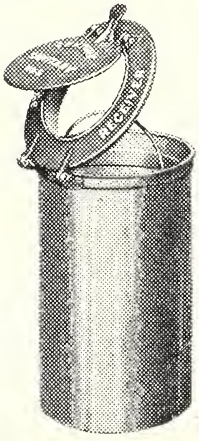
MURESCO. — One of the popular wall coatings—many colors—comes in 5 lb. packages.

WHITE WASH BRUSHES 90c and $1.25

KALSOMINE BRUSHES $1.75, $3.25, $5.50, $9.75



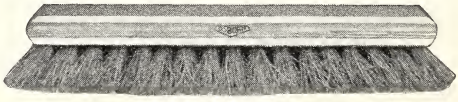
Ash Can



GARBAGE RECEIVER (Underground), heavy galvanized iron.

No. 3 $6.00
No. 4 $7.00
No. 5 $11.00
No. 6 $14.00

SCRUB BRUSHES 10c to 50c.



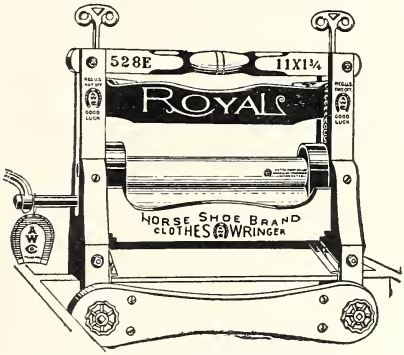
SUPERIOR STEP STOOL

A combined kitchen stool and step ladder, very sturdy and so beautifully made that it is not only used in kitchens, but in libraries, offices and the finer rooms of the home. In colors of white, grey, green, blue, natural varnish, natural unvarnished, etc., $5.00.

WASH BOARDS 30c, 60c, 75c and $1.00

WASH BOILERS,—No. 7128, $3.50; No. 7129, $3.75; Heavy copper No.8, $6.00; Heavy Copper No. 9, **$6.50**

CLOTHES WRINGER (WARRANTED)



No. 380-E, Ball Bearing, 7.50

No. 381-E, " 7.75

No. 360-E, for set tubs, 8.50

No. 528-E, Royal for set tubs 11.00

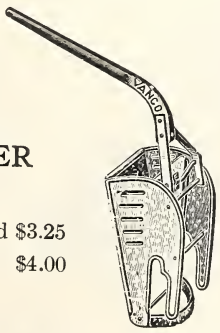
Galvanized Wash Tubs
Small, $1.25, Medium, $1.50, Large, $1.75, Extra Large, $2.50.

DRAINO—For Cleaning Out Waste Pipes.....pkg. 30c
TINK— " " " " " .....pkg. 50c
OBLONG CLOTHES BASKET.—3 sizes,.....$2.00, $2.50 and 3.00
" " " Hand Made..... $3.50
CLOTHES HAMPERS—$2.75, $3.25, $3.75.
CLOTHES LINES.—Blackbird, 50 ft., 45c; 100 ft., $1.00 and $1.25.
CLOTHES LINES.—Wire coil, 100 ft.....85c

CLOTHES LINE PULLEYS.....20c each
" " " " Superior.....65c pair
CLOTHES PINS— ..... 5c and 15c Dozen
MOP STICKS.—Each.....25c and 50c
MOPS.—Cotton ..... 50c, 65c, and 85c
DUST MOP AND STICK—(Samoset).....$1.00
REVERSIBLE DRY MOP .....$1.25 and $1.50

FRUIT JARS
E. Z. SEAL
½ Pts,$1.00; Pts $1.10
Quarts $1.25; 2 Quarts $1.75 per dozen.
Rubber Rings 10c doz.
Atlas Covers 25c doz.
Jelly Tumblers 60c doz.

MOP WRINGER

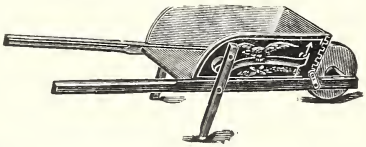


Family size,
$2.50 and $3.25
Hotel size. $4.00

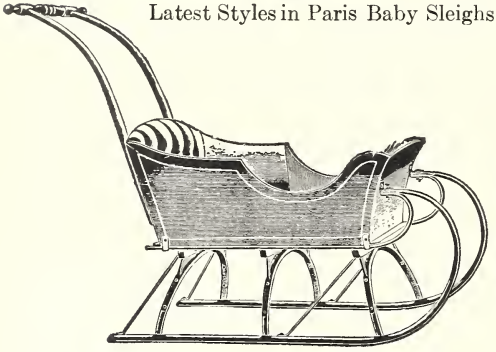
ECONOMY FRUIT JAR

No rubber rings, self-sealing, air tight, large at top. Keeps perfectly meats, fish, vegetables or fruit.

Pints Per Dozen, $1.10
Covers " " .35
Lifters Each .10

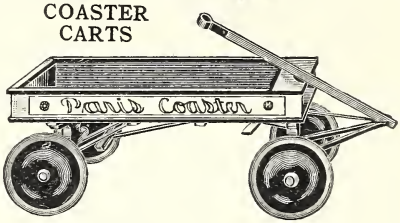


Latest Styles in Paris Baby Sleighs



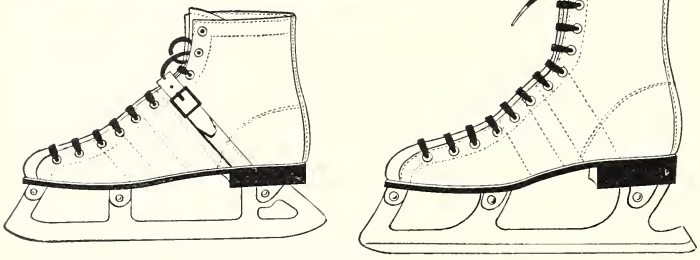
WAGONS—Fine line of Children's Wagons and Wheelbarrows.

COASTER CARTS



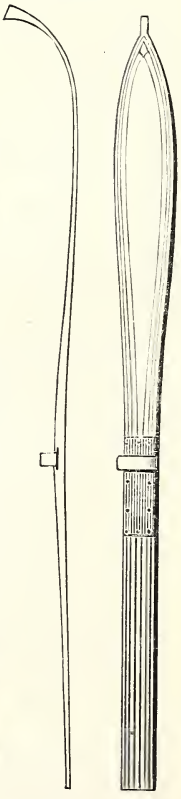
The best in Coaster Carts.
Prices from $2.75 to $10.00

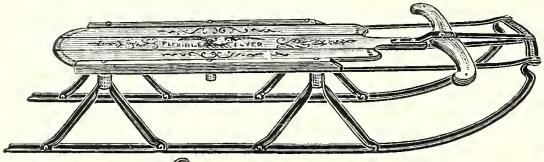
SKATES



A complete line of the latest styles and sizes. Prices right.

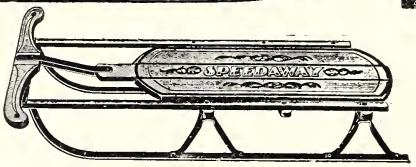
NORWEGIAN SKIS





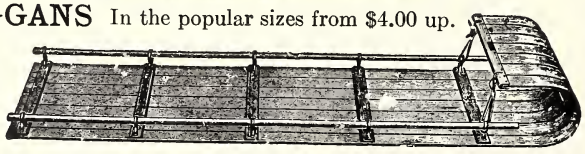
SLEDS

The **GENUINE FLEXIBLE FLYER** and the **FIRE FLY** also the celebrated **PARIS SLEDS** in all styles and prices.



TOBOGGANS

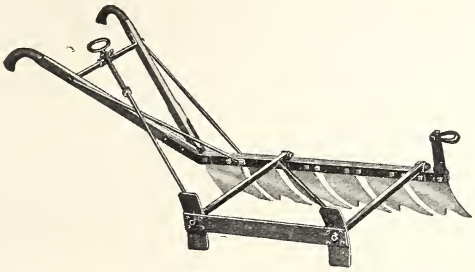
In the popular sizes from $4.00 up.



POLO AND HOCKEY STICKS, 15c to$ 1.50.
SNOW SHOES---Fine line. Maine and Indian made

The latest and best in Skis, from 3 to 8 feet.

THE ICE KING



ICE PLOW

10 in. with 14 to 22 in. Adjustable Swing Guide, $60.00

ICE TOOLS

COMPLETE ICE TOOL CATALOG SENT ON APPLICATION.

PULLEY BLOCKS.—Large assortment in stock.

ICE HOOKS.—

4 feet, each	$1.75	6 feet, each	$2.00
5 feet, each	1.85	8 " "	2.40

RING CHISELS, each, $5.50

BREAKING BARS, each, 7.50

SPLITTING FORK, 2-tined, each, 8.00

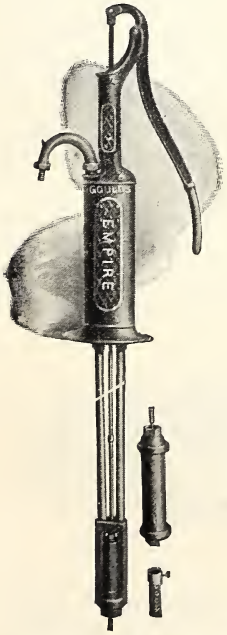
NEEDLE BAR, 5.00

ICE CREEPERS.—Per pair, 20c and 50c.

ICE TONGS.—Boston Pattern, swell handle.

No. 1,	" 14½ in.	2.10
No. 2,	" 16½ in.	2.25
No. 3,	" 24 in.	2.50

Drag or stowing, long handle, $3.50



Empire Double Acting Pump

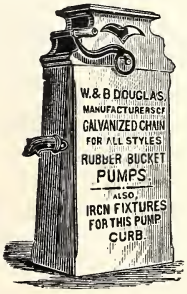
"EMPIRE" DOUBLE ACTING FORCE AND LIFT PUMPS— Adapted for shallow or deep wells. Cylinder is Brass Lined. Takes 1¼ in. suction pipe.

No. 1743-4, **With Windmill Head** arranged for wells up to 26 ft. $21.00
As arranged for deeper wells, $22.00
GALVANIZED FOOT VALVE—For Empire Pump, $1.25
GALVANIZED STRAINER, 60c
Above prices do not include pipe below the upper valve.

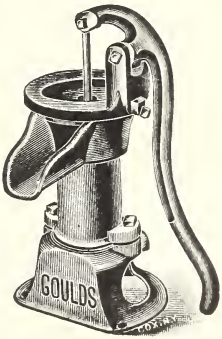
Rubber Bucket Chain Pump

A POPULAR LOW-PRICED PUMP.

Curb with heavy castings	$7.00
Tubing, best spruce, per foot	.20
Chain, galvanized, per lb	.20
Buckets, Rubber	.15
Rub Irons	.20



We will be pleased to figure the cost of Pump complete if you give us depth of well. Pitcher Pumps, No. 2, $4.00; No. 3, $4.50.



Pump Leathers, (Plunger) 15c and 25c.
" " (Valve) 10c and 15c.
Plungers Complete, No. 2, $ .75
" " " 3, 1.00
Well Points for driving, each $2.75.

COMMERCIAL FERTILIZERS—The Great Crop Producers

AVAILABLE PLANT FOOD.—Is what the farmer is looking for when he buys commercial fertilizers.

That is just why **OUR FERTILIZERS** stand so well.

They contain this plant food in the available form and in the right proportions to secure good results.

Prices given are those prevailing at time of going to press, and are subject to change without notice.

PRINCIPAL BRANDS

PRICES SUBJECT TO CHANGE

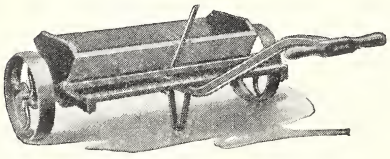
COMPLETE GENERAL FERTILIZER,—An excellent fertilizer for the vegetable garden, corn, potatoes and grain. **50 lb. bag $1.50, per 100 lb. bag, $2.75, per ton, $49.00.**

POTATO FERTILIZER.—As a potato grower it has won and maintained a high standing and an enviable reputation. **Per 100 lb. bag $2.50, per ton $44.00.**

GRASS AND LAWN FERTILIZER,—A top dressing for lawns, meadows and pastures. It acts quickly and produces a luxuriant growth of grass. It pays to use it. **Per 50 lb. bag $2.00. Per 100 lb. bag $3.50. Per ton $63.00.**

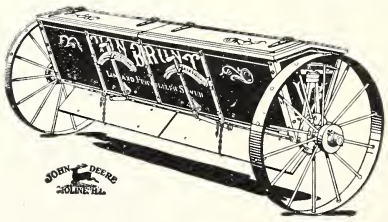
PEERLESS POTATO FERTILIZER—Special attention is called to this brand as being as well formulated and well balanced as any fertilizer for general use. **Per 100 lb. bag, $3.00; per ton, $56.00.**

PURE BONE MEAL. — Made from absolutely pure bones, finely ground and in the best mechanical condition. **Per lb. 5c. Per 100 lb. bag, $3.75. Per ton, $74.00.**



Stevens Hand Fertilizer Sower

STEVENS HAND FERTILIZER SOWER,—Weight 83 lbs., hopper 34 in. long, holds 1½ bu., especially good for distributing fertilizer on lawns,
Price $28.00



VAN BRUNT FERILIZER SOWER—See page 33

A LOCAL 2-ACRE PIECE OF GRAND RAPIDS LETTUCE GROWN FROM OUR SEED AND FERTILIZER

The Mapes Manures

BASIS:—Pure Bone—Made Soluble—No Rock Used. For All Soils and for All Crops

Prices given are those prevailing at time of going to press, and are subject to change without notice.

PRINCIPAL BRANDS

MAPES POTATO MANURE.—Very high grade.—For Potatoes, Early Vegetables, Fruit, Sweet Corn, etc., 50 lb. bag $1.75. Per 100 lb. bag, $3.25; Per ton, $60.00.

MAPES CORN MANURE.—Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet and Seeding Down to Grass. Per 100 lb. bag, $3.00. Per ton, $56.00.

MAPES GENERAL USE MANURE.—Exceptionally well balanced fertilizer, of a high grade, for crops in general. **Per 100 lb. bag, $3.00. Per ton, $55.00.**

We can recommend the above fertilizers as being derived from the BEST SOURCES of plant food, and we are confident their use will prove this, and the results will be satisfactory and pleasing to you.

AGRICULTURAL CHEMICALS and FERTILIZING MATERIALS

PRICES ON APPLICATION WHERE NOT GIVEN.

MURIATE OF POTASH.—50 per cent actual potash.

SULPHATE OF POTASH.—48 per cent actual potash.

NITRATE OF SODA.—18.50 per cent ammonia. Reground, per 100 lbs. $5.00; per lb. 8c; subject to change. Special price on large quantities.

SULPHATE OF AMMONIA.—24 1-2 per cent ammonia.

HIGH GRADE ACID PHOSPHATE (Plain Superphosphate)—16 per cent available phosphoric acid. Prices on application.

AGRICULTURAL LIME.—Fine ground lime for agricultural purposes. Per bag, 90c. Per ton, $12.00.

RAW GROUND LIME.—Very finely ground High Grade Lime for agricultural purposes Per bag, 80c. Per ton, $11.00.

BONE.—"Bone Meal"—per cwt., $3.75. Cracked Bone for case hardening"—"Raw Bone Meal"—Cracked Bone Oatmeal". Price on application.

PURE NOVA SCOTIA GROUND PLASTER.—Per 100 lb. bag, prices on application.

PULVERIZED SHEEP MANURE.—5 lb. pkg., 40c; per 25 lb. bag, $1.35; 50 lb. bag, $2.25; 100 lb. bag, $3.25. Per ton, $53.00.

CLAY'S FERTILIZER.—Imported, Prices on application.

SCOTCH SOOT.—Imported, 100 lb. bag, Prices on application.

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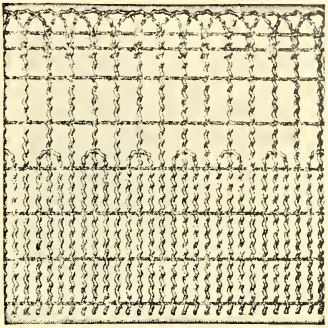

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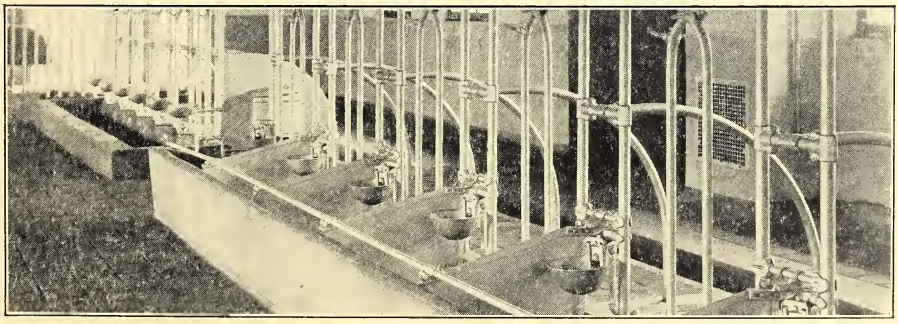

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